



## PART 0 SAR CHAR REPORT

**Applicant Name:**  
Apple, Inc.  
One Apple Park Way  
Cupertino, CA 95014

**Date of Testing:**  
01/06/2020 – 03/15/2021  
**Test Site/Location:**  
PCTEST Lab, Morgan Hill, CA, USA  
**Document Serial No.:**  
1C2101020002-34.BCG (Rev1)

**FCC ID:** BCGA2301  
**APPLICANT:** APPLE, INC.

**Report Type:** Part 0 SAR Characterization  
**DUT Type:** Tablet Device  
**Model(s):** A2301

Note: This revised test report supersedes and replaces the previously issued test report on the same subject device for the same type of test as indicated. Please discard or destroy the previously issued test report(s) and dispose of it accordingly.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Test results reported herein relate only to the item(s) tested.



Randy Ortanez  
President



|                                                    |                                                                                                                                  |                                   |                                        |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------|
| FCC ID: BCGA2301                                   |  <b>PCTEST</b><br>Proud to be part of element | <b>PART 0 SAR CHAR REPORT</b>     | <b>Approved by:</b><br>Quality Manager |
| <b>Document S/N:</b><br>1C2101020002-34.BCG (Rev1) | <b>Test Dates:</b><br>01/06/2021 – 03/15/2021                                                                                    | <b>DUT Type:</b><br>Tablet Device | Page 1 of 11                           |

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## APPENDIX A: SAR TEST RESULTS FOR $P_{Limit}$ CALCULATIONS

|                                                    |                                                                                                                                                                                                                      |                                   |                                        |
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# 1 DEVICE UNDER TEST

## 1.1 Device Overview

| Band & Mode        | Operating Modes | Tx Frequency          |
|--------------------|-----------------|-----------------------|
| GPRS/EDGE 850      | Data            | 824.20 - 848.80 MHz   |
| GPRS/EDGE 1900     | Data            | 1850.20 - 1909.80 MHz |
| UMTS 850           | Data            | 826.40 - 846.60 MHz   |
| UMTS 1750          | Data            | 1712.4 - 1752.6 MHz   |
| UMTS 1900          | Data            | 1852.4 - 1907.6 MHz   |
| LTE Band 71        | Data            | 665.5 - 695.5 MHz     |
| LTE Band 12        | Data            | 699.7 - 715.3 MHz     |
| LTE Band 17        | Data            | 706.5 - 713.5 MHz     |
| LTE Band 13        | Data            | 779.5 - 784.5 MHz     |
| LTE Band 14        | Data            | 790.5 - 795.5 MHz     |
| LTE Band 26 (Cell) | Data            | 814.7 - 848.3 MHz     |
| LTE Band 5 (Cell)  | Data            | 824.7 - 848.3 MHz     |
| LTE Band 4 (AWS)   | Data            | 1710.7 - 1754.3 MHz   |
| LTE Band 66 (AWS)  | Data            | 1710.7 - 1779.3 MHz   |
| LTE Band 2 (PCS)   | Data            | 1850.7 - 1909.3 MHz   |
| LTE Band 25 (PCS)  | Data            | 1850.7 - 1914.3 MHz   |
| LTE Band 30        | Data            | 2307.5 - 2312.5 MHz   |
| LTE Band 7         | Data            | 2502.5 - 2567.5 MHz   |
| LTE Band 41        | Data            | 2498.5 - 2687.5 MHz   |
| LTE Band 48        | Data            | 3552.5 - 3697.5 MHz   |
| NR Band n71        | Data            | 665.5 - 695.5 MHz     |
| NR Band n12        | Data            | 701.5 - 713.5 MHz     |
| NR Band n5 (Cell)  | Data            | 826.5 - 846.5 MHz     |
| NR Band n66 (AWS)  | Data            | 1712.5 - 1777.5 MHz   |
| NR Band n25 (PCS)  | Data            | 1852.5 - 1912.5 MHz   |
| NR Band n2 (PCS)   | Data            | 1852.5 - 1907.5 MHz   |
| NR Band n41        | Data            | 2506.02 - 2679.99 MHz |
| NR Band n77        | Data            | 3710.01 - 3969.99 MHz |
| 2.4 GHz WLAN       | Voice/Data      | 2412 - 2472 MHz       |
| U-NII-1            | Voice/Data      | 5180 - 5240 MHz       |
| U-NII-2A           | Voice/Data      | 5260 - 5320 MHz       |
| U-NII-2C           | Voice/Data      | 5500 - 5720 MHz       |
| U-NII-3            | Voice/Data      | 5745 - 5825 MHz       |
| Bluetooth          | Data            | 2402 - 2480 MHz       |
| NR Band n260       | Data            | 37000 - 40000 MHz     |
| NR Band n261       | Data            | 27500 - 28350 MHz     |

This device uses the Qualcomm® Smart Transmit feature to control and manage transmitting power in real time and to ensure the time-averaged RF exposure is in compliance with the FCC requirement at all times for 2G/3G/4G/5G WWAN operations. Additionally, this device supports WLAN/BT technologies, but the output power of these modems is not controlled by the Smart Transmit algorithm.

|                                             |                                                                                                                   |                                 |
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## 1.2 Time-Averaging for SAR

This device is enabled with Qualcomm® Smart Transmit algorithm to control and manage transmitting power in real time and to ensure that the time-averaged RF exposure from 2G/3G/4G/5G Sub-6 NR WWAN is in compliance with FCC requirements. This Part 0 report shows SAR characterization of WWAN radios for 2G/3G/4G/5G Sub-6 NR. Characterization is achieved by determining  $P_{Limit}$  for 2G/3G/4G/5G Sub-6 NR that corresponds to the exposure design targets after accounting for all device design related uncertainties, i.e., SAR\_design\_target (< FCC SAR limit) for sub-6 radio. The SAR characterization is denoted as SAR Char in this report. Section 1.3 includes a nomenclature of the specific terms used in this report.

The compliance test under the static transmission scenario and simultaneous transmission analysis are reported in Part 1 report. The validation of the time-averaging algorithm and compliance under the dynamic (time- varying) transmission scenario for WWAN technologies are reported in Part 2 report (report SN could be found in Section 1.4 – Bibliography).

## 1.3 Nomenclature for Part 0 Report

| Technology              | Term                     | Description                                                                                                                                          |
|-------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G/3G/4G/5G<br>Sub-6 NR | $P_{limit}$              | Power level that corresponds to the exposure design target ( <i>SAR_design_target</i> ) after accounting for all device design related uncertainties |
|                         | $P_{max}$                | Maximum tune up output power                                                                                                                         |
|                         | <i>SAR_design_target</i> | Target SAR level < FCC SAR limit after accounting for all device design related uncertainties                                                        |
|                         | <i>SAR Char</i>          | Table containing $P_{limit}$ for all technologies and bands                                                                                          |

## 1.4 Bibliography

| Report Type                           | Report Serial Number |
|---------------------------------------|----------------------|
| FCC Part 0 PD Characterization Report | 1C2101020002-18.BCG  |
| FCC SAR Evaluation Report (Part 1)    | 1C2101020002-01.BCG  |
| FCC PD Evaluation Report (Part 1)     | 1C2101020002-19.BCG  |
| RF Exposure Part 2 Test Report        | 1C2101020002-20.BCG  |
| RF Exposure Compliance Summary        | 1C2101020002-21.BCG  |

|                                             |                                                                                                                                                                                                |                            |                                 |
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## 2.1 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dU) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density ( $\rho$ ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Equation 2-1).

**Equation 2-1**  
**SAR Mathematical Equation**

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

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

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

where:

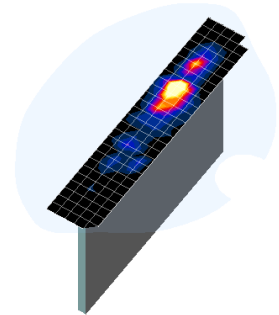
|          |   |                                                                     |
|----------|---|---------------------------------------------------------------------|
| $\sigma$ | = | conductivity of the tissue-simulating material (S/m)                |
| $\rho$   | = | mass density of the tissue-simulating material (kg/m <sup>3</sup> ) |
| E        | = | Total RMS electric field strength (V/m)                             |

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relation to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.[6]

## 2.2 SAR Measurement Procedure

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

1. The SAR distribution at the exposed side of the head or body was measured at a distance no greater than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the device-head and body interface and the horizontal grid resolution was determined per FCC KDB Publication 865664 D01v01r04 (See Table 2-1) and IEEE 1528-2013.
2. The point SAR measurement was taken at the maximum SAR region determined from Step 1 to enable the monitoring of SAR fluctuations/drifts during the 1g/10g cube evaluation. SAR at this fixed point was measured and used as a reference value.



**Figure 2-1**  
**Sample SAR Area Scan**

|                                                    |                                                                                                                                                  |                                   |                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|
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4. Based on the area scan data, the peak of the region with maximum SAR was determined by spline interpolation. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB Publication 865664 D01v01r04 (See Table 2 1) and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (see references or the DASY manual online for more details):
  - a. SAR values at the inner surface of the phantom are extrapolated from the measured values along the line away from the surface with spacing no greater than that in
  - b. Table 2-1. The extrapolation was based on a least-squares algorithm. A polynomial of the fourth order was calculated through the points in the z-axis (normal to the phantom shell).
  - c. After the maximum interpolated values were calculated between the points in the cube, the SAR was averaged over the spatial volume (1g or 10g) using a 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the “Not a knot” condition (in x, y, and z directions). The volume was then integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were obtained through interpolation, in order to calculate the averaged SAR.
  - d. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
5. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan was complete to calculate the SAR drift. If the drift deviated by more than 5%, the SAR test and drift measurements were repeated.

**Table 2-1**  
**Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04\***

| Frequency | Maximum Area Scan Resolution (mm)<br>( $\Delta x_{\text{area}}, \Delta y_{\text{area}}$ ) | Maximum Zoom Scan Resolution (mm)<br>( $\Delta x_{\text{zoom}}, \Delta y_{\text{zoom}}$ ) | Maximum Zoom Scan Spatial Resolution (mm) |                             |                                      | Minimum Zoom Scan Volume (mm)<br>(x,y,z) |
|-----------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|--------------------------------------|------------------------------------------|
|           |                                                                                           |                                                                                           | Uniform Grid                              | Graded Grid                 |                                      |                                          |
|           |                                                                                           |                                                                                           |                                           | $\Delta z_{\text{zoom}}(n)$ | $\Delta z_{\text{zoom}}(1)^*$        |                                          |
| ≤ 2 GHz   | ≤ 15                                                                                      | ≤ 8                                                                                       | ≤ 5                                       | ≤ 4                         | ≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$ | ≥ 30                                     |
| 2-3 GHz   | ≤ 12                                                                                      | ≤ 5                                                                                       | ≤ 5                                       | ≤ 4                         | ≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$ | ≥ 30                                     |
| 3-4 GHz   | ≤ 12                                                                                      | ≤ 5                                                                                       | ≤ 4                                       | ≤ 3                         | ≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$ | ≥ 28                                     |
| 4-5 GHz   | ≤ 10                                                                                      | ≤ 4                                                                                       | ≤ 3                                       | ≤ 2.5                       | ≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$ | ≥ 25                                     |
| 5-6 GHz   | ≤ 10                                                                                      | ≤ 4                                                                                       | ≤ 2                                       | ≤ 2                         | ≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$ | ≥ 22                                     |

\*Also compliant to IEEE 1528-2013 Table 6

|                                                    |                                                                                                                                                                                                                      |                                   |                                        |
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## 3 SAR CHARACTERIZATION

### 3.1 DSI and SAR Determination

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

The device state index (DSI) conditions used in Table 3-1 represent different exposure scenarios.

**Table 3-1**  
**DSI and Corresponding Exposure Scenarios**

| Scenario  | Description             | SAR Test Cases                                       |
|-----------|-------------------------|------------------------------------------------------|
| (DSI = 1) | ▪ Detect Mode Activated | <i>Tablet SAR per KDB<br/>Publication 616217 D04</i> |

### 3.2 SAR Design Target

*SAR\_design\_target* is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer (see Table 3-2).

**Table 3-2**  
***SAR\_design\_target* Calculations**

| <b><i>SAR_design_target</i></b>                                                           |          |
|-------------------------------------------------------------------------------------------|----------|
| $SAR\_design\_target < SAR\_regulatory\_limit \times 10^{\frac{-Total\ Uncertainty}{10}}$ |          |
| <b>1g SAR<br/>(W/kg)</b>                                                                  |          |
| <i>Total Uncertainty</i>                                                                  | 1.0 dB   |
| <i>SAR_regulatory_limit</i>                                                               | 1.6 W/kg |
| <i>SAR_design_target</i>                                                                  | 0.8 W/kg |

|                                             |                                                                                                                                                                                                |                            |                                 |
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### 3.3 SAR Char

SAR test results corresponding to  $P_{max}$  for each antenna/technology/band/DSI can be found in Appendix A.

$P_{limit}$  is calculated by linearly scaling with the measured SAR at the  $P_{part0}$  to correspond to the  $SAR_{design\_target}$ . When  $P_{limit} < P_{max}$ ,  $P_{part0}$  was used as  $P_{limit}$  in the Smart Transmit EFS. When  $P_{limit} > P_{max}$  and  $P_{part0}=P_{max}$ , calculated  $P_{limit}$  was used in the Smart Transmit EFS. All reported SAR obtained from the  $P_{part0}$  SAR tests was less than  $SAR_{Design\_target}+ 1$  dB Uncertainty. The final  $P_{limit}$  determination for each exposure scenario corresponding to  $SAR_{design\_target}$  are shown in Table 3-3.

**Table 3-3**  
 **$P_{Limit}$  Determination**

| Device State Index (DSI) | $P_{Limit}$ Determination Scenarios                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                        | The worst-case SAR exposure is determined as maximum SAR normalized to the limit among:<br>1. Tablet SAR measured at 0 mm for Back, Top, Bottom, Right, Left surfaces |

**Note:**

For DSI = 1,  $P_{limit}$  is calculated by:

$P_{limit}$  corresponding to 1g Tablet SAR evaluation at 0 mm for back, top, bottom, left and right surfaces

|                                             |                                                                                                                   |                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
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**Table 3-4**  
**SAR Characterizations**

| Exposure Scenario:   | Ant 3<br>Body                                                    | Ant 3 Maximum<br>Tune-up<br>Output Power* | Ant 1<br>Body                                                    | Ant 1 Maximum<br>Tune-up<br>Output Power* | Ant 4a/4b<br>Body                                                | Ant 4a/4b<br>Maximum<br>Tune-up<br>Output Power* | Ant 2a/2b<br>Body                                                | Ant 2a/2b<br>Maximum<br>Tune-up<br>Output Power* |
|----------------------|------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|
| Averaging Volume:    | 1g                                                               |                                           | 1g                                                               |                                           | 1g                                                               |                                                  | 1g                                                               |                                                  |
| Spacing:             | 0 mm                                                             |                                           | 0 mm                                                             |                                           | 0 mm                                                             |                                                  | 0 mm                                                             |                                                  |
| DSI:                 | 1                                                                |                                           | 1                                                                |                                           | 1                                                                |                                                  | 1                                                                |                                                  |
| Technology/Band      | Plimit<br>corresponding<br>to 0.8mW/g<br>(SAR_design_tar<br>get) | Pmax                                      | Plimit<br>corresponding<br>to 0.8mW/g<br>(SAR_design_tar<br>get) | Pmax                                      | Plimit<br>corresponding<br>to 0.8mW/g<br>(SAR_design_tar<br>get) | Pmax                                             | Plimit<br>corresponding<br>to 0.8mW/g<br>(SAR_design_tar<br>get) | Pmax                                             |
| GPRS/EDGE 850 MHz    | 17.51                                                            | 24.81                                     | 18.31                                                            | 23.31                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| GPRS/EDGE 1900 MHz   | 14.91                                                            | 22.81                                     | 13.71                                                            | 19.81                                     | 11.81                                                            | 22.81                                            | 13.71                                                            | 19.81                                            |
| UMTS B5              | 18.00                                                            | 24.70                                     | 17.90                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| UMTS B4              | 15.00                                                            | 24.70                                     | 14.50                                                            | 21.20                                     | 13.10                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| UMTS B2              | 15.20                                                            | 24.70                                     | 14.20                                                            | 21.20                                     | 11.50                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| LTE FDD B71          | 19.70                                                            | 24.70                                     | 19.10                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B12          | 18.80                                                            | 24.70                                     | 19.50                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B17          | 18.80                                                            | 24.70                                     | 19.50                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B13          | 18.90                                                            | 24.70                                     | 19.50                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B14          | 18.90                                                            | 24.70                                     | 19.50                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B26          | 18.00                                                            | 24.70                                     | 17.90                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B5           | 18.00                                                            | 24.70                                     | 17.90                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| LTE FDD B66/4        | 15.00                                                            | 24.70                                     | 14.50                                                            | 21.20                                     | 13.10                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| LTE FDD B25/2        | 15.20                                                            | 24.70                                     | 14.20                                                            | 21.20                                     | 11.50                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| LTE FDD B30          | 17.20                                                            | 22.70                                     | 14.50                                                            | 17.90                                     | 11.40                                                            | 22.00                                            | 11.60                                                            | 18.90                                            |
| LTE FDD B7           | 14.70                                                            | 24.70                                     | 13.40                                                            | 19.90                                     | 11.50                                                            | 24.20                                            | 11.80                                                            | 20.90                                            |
| LTE TDD B48          | 10.01                                                            | 20.01                                     | 11.01                                                            | 16.71                                     | 9.61                                                             | 16.31                                            | 10.41                                                            | 16.61                                            |
| LTE TDD B48 ULCA     | 10.01                                                            | 20.01                                     | 11.01                                                            | 18.71                                     | 9.61                                                             | 16.31                                            | 10.41                                                            | 16.61                                            |
| LTE TDD B41 PC3      | 14.11                                                            | 22.71                                     | 15.51                                                            | 17.91                                     | 11.81                                                            | 22.21                                            | 10.61                                                            | 18.91                                            |
| LTE TDD B41 ULCA PC3 | 14.11                                                            | 22.71                                     | 15.51                                                            | 17.91                                     | 11.81                                                            | 22.21                                            | 10.61                                                            | 18.91                                            |
| LTE TDD B41 PC2      | 14.11                                                            | 23.06                                     | 15.51                                                            | 18.26                                     | 11.81                                                            | 22.56                                            | 10.61                                                            | 19.26                                            |
| LTE TDD B41 ULCA PC2 | 14.11                                                            | 23.36                                     | 15.51                                                            | 18.56                                     | 11.81                                                            | 22.86                                            | 10.61                                                            | 19.56                                            |
| NR FDD n71           | 19.70                                                            | 24.70                                     | 19.10                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| NR FDD n12           | 18.80                                                            | 24.70                                     | 19.50                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| NR FDD n5            | 18.00                                                            | 24.70                                     | 17.90                                                            | 22.90                                     | N/A                                                              | N/A                                              | N/A                                                              | N/A                                              |
| NR FDD n66           | 15.00                                                            | 24.70                                     | 14.50                                                            | 21.20                                     | 13.10                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| NR FDD n25/n2        | 15.20                                                            | 24.70                                     | 14.20                                                            | 21.20                                     | 11.50                                                            | 24.20                                            | 14.00                                                            | 21.20                                            |
| NR TDD n41 PC3       | 14.10                                                            | 21.20                                     | 13.00                                                            | 24.70                                     | 11.80                                                            | 21.20                                            | 10.60                                                            | 24.20                                            |
| NR TDD n41 PC2       | 14.10                                                            | 19.49                                     | 13.00                                                            | 22.99                                     | 11.80                                                            | 19.49                                            | 10.60                                                            | 22.49                                            |
| NR TDD n77 PC3       | 10.00                                                            | 24.70                                     | 9.10                                                             | 20.70                                     | 8.50                                                             | 24.70                                            | 8.80                                                             | 21.70                                            |
| NR TDD n77 PC2       | 10.00                                                            | 22.99                                     | 9.10                                                             | 18.99                                     | 8.50                                                             | 22.99                                            | 8.80                                                             | 19.99                                            |

**Notes:**

- When  $P_{max} < P_{limit}$ , the DUT will operate at a power level up to  $P_{max}$ .

|                                                    |                                                                                                                                                                                                                              |                                   |                                            |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|
| FCC ID: BCGA2301                                   |  <b>PCTEST®</b><br>Proud to be part of  <b>element</b> | <b>PART 0 SAR CHAR REPORT</b>     | <b>Approved by:</b><br><br>Quality Manager |
| <b>Document S/N:</b><br>1C2101020002-34.BCG (Rev1) | <b>Test Dates:</b><br>01/06/2021 – 03/15/2021                                                                                                                                                                                | <b>DUT Type:</b><br>Tablet Device | Page 9 of 11                               |

## 4

## EQUIPMENT LIST

## For SAR measurements

| Manufacturer       | Model         | Description                         | Cal Date   | Cal Interval | Cal Due    | Serial Number |
|--------------------|---------------|-------------------------------------|------------|--------------|------------|---------------|
| Agilent            | 8753ES        | S-Parameter Network Analyzer        | 9/16/2020  | Annual       | 9/16/2021  | MY4000670     |
| Agilent            | E4438C        | ESG Vector Signal Generator         | 12/2/2020  | Annual       | 12/2/2021  | MY42081752    |
| Agilent            | E5515C        | Wireless Communications Test Set    | 12/15/2020 | Annual       | 12/15/2021 | GB42381078    |
| Agilent            | N5182A        | MXG Vector Signal Generator         | 9/25/2020  | Annual       | 9/25/2021  | US46240505    |
| Agilent            | N5182A        | MXG Vector Signal Generator         | 12/1/2020  | Annual       | 12/1/2021  | MY47420837    |
| Agilent            | N9020A        | MXA Signal Analyzer                 | 12/21/2020 | Annual       | 12/21/2021 | MY50200571    |
| Amplifier Research | 150A100C      | Amplifier                           | CBT        | N/A          | CBT        | 350132        |
| Amplifier Research | 15S1G6        | Amplifier                           | CBT        | N/A          | CBT        | 343972        |
| Amplifier Research | 15S1G6        | Amplifier                           | CBT        | N/A          | CBT        | 343971        |
| Anritsu            | MA24106A      | USB Power Sensor                    | 9/15/2020  | Annual       | 9/15/2021  | 1244515       |
| Anritsu            | MA24106A      | USB Power Sensor                    | 9/15/2020  | Annual       | 9/15/2021  | 1248508       |
| Anritsu            | MA24106A      | USB Power Sensor                    | 6/8/2020   | Annual       | 6/8/2021   | 2018534       |
| Anritsu            | MA24106A      | USB Power Sensor                    | 6/3/2020   | Annual       | 6/3/2021   | 2018527       |
| Anritsu            | MA2411B       | Pulse Power Sensor                  | 12/18/2020 | Annual       | 12/18/2021 | 1126066       |
| Anritsu            | ML2495A       | Power Meter                         | 11/3/2020  | Annual       | 11/3/2021  | 1039008       |
| Anritsu            | MT8820C       | Radio Communication Analyzer        | 9/30/2020  | Annual       | 9/30/2021  | 6201240328    |
| Anritsu            | MT8821C       | Radio Communication Analyzer        | 5/21/2020  | Annual       | 5/21/2021  | 6201144419    |
| Control Company    | 4040          | Therm./Clock/Humidity Monitor       | 6/29/2019  | Biennial     | 6/29/2021  | 192291470     |
| Control Company    | 4040          | Therm./Clock/Humidity Monitor       | 6/29/2019  | Biennial     | 6/29/2021  | 192291455     |
| Control Company    | 4040          | Therm./Clock/Humidity Monitor       | 6/29/2019  | Biennial     | 6/29/2021  | 192291460     |
| Control Company    | 4353          | Long Stem Thermometer               | 10/28/2020 | Biennial     | 10/28/2022 | 200670646     |
| Control Company    | 4353          | Long Stem Thermometer               | 10/28/2020 | Biennial     | 10/28/2022 | 200670653     |
| Insize             | 1108-150      | Digital Caliper                     | 1/17/2020  | Biennial     | 1/17/2022  | 409193536     |
| KEYSIGHT           | E4438C        | VECTOR SIGNAL GENERATOR             | 6/22/2020  | Annual       | 6/22/2021  | MY45092078    |
| MCL                | BW-N10W5+     | 10dB Attenuator                     | CBT        | N/A          | CBT        | 1611          |
| MCL                | BW-N3W5+      | 3dB Attenuator                      | CBT        | N/A          | CBT        | 1812          |
| MCL                | BW-N6W5+      | 6dB Attenuator                      | CBT        | N/A          | CBT        | 1311          |
| Mini-Circuits      | NLP-1000+     | Low Pass Filter                     | CBT        | N/A          | CBT        | N/A           |
| Mini-Circuits      | NLP-1200+     | Low Pass Filter                     | CBT        | N/A          | CBT        | N/A           |
| Mini-Circuits      | NLP-2950+     | Low Pass Filter                     | CBT        | N/A          | CBT        | N/A           |
| Mini-Circuits      | VLF-6000+     | Low Pass Filter                     | CBT        | N/A          | CBT        | N/A           |
| Mini-Circuits      | ZHDC-16-63-S+ | 50-6000MHz Bidirectional Coupler    | CBT        | N/A          | CBT        | N/A           |
| Pasternack         | PE2208-6      | Bidirectional Coupler               | CBT        | N/A          | CBT        | N/A           |
| Rohde & Schwarz    | CMW500        | Radio Communication Tester          | 5/13/2020  | Annual       | 5/13/2021  | 167284        |
| Rohde & Schwarz    | CMW500        | Radio Communication Tester          | 4/28/2020  | Annual       | 4/28/2021  | 167285        |
| Rohde & Schwarz    | CMW500        | Radio Communication Tester          | 10/18/2020 | Annual       | 10/18/2021 | 101699        |
| Rohde & Schwarz    | CMW500        | Radio Communication Tester          | 10/16/2020 | Annual       | 10/16/2021 | 106578        |
| Rohde & Schwarz    | CMW500        | Radio Communication Tester          | 10/27/2020 | Annual       | 10/27/2021 | 108843        |
| Rohde & Schwarz    | FSP-7         | Spectrum Analyzer                   | 1/9/2020   | Biennial     | 1/9/2022   | 100990        |
| Rohde & Schwarz    | CMW500        | Wideband Radio Communication Tester | 9/17/2020  | Annual       | 9/17/2021  | 145683        |
| Rosenberger        | 32W1006-016   | Torque Wrench                       | 12/1/2020  | Annual       | 12/1/2021  | N/A           |
| SPEAG              | DAKS-3.5      | Portable DAK                        | 9/9/2020   | Annual       | 9/9/2021   | 1045          |
| SPEAG              | D750V3        | 750 MHz SAR Dipole                  | 5/18/2018  | Triennial    | 5/18/2021  | 1034          |
| SPEAG              | D750V3        | 750 MHz SAR Dipole                  | 6/20/2019  | Biennial     | 6/20/2021  | 1057          |
| SPEAG              | D835V2        | 835 MHz SAR Dipole                  | 6/20/2019  | Biennial     | 6/20/2021  | 404040        |
| SPEAG              | D850V2        | 850 MHz SAR Dipole                  | 9/8/2020   | Annual       | 9/8/2021   | 1010          |
| SPEAG              | D1750V2       | 1750 MHz SAR Dipole                 | 5/15/2018  | Triennial    | 5/15/2021  | 1092          |
| SPEAG              | D1900V2       | 1900 MHz SAR Dipole                 | 8/10/2020  | Annual       | 8/10/2021  | 50180         |
| SPEAG              | D1900V2       | 1900 MHz SAR Dipole                 | 5/14/2018  | Triennial    | 5/14/2021  | 50026         |
| SPEAG              | D2300V2       | 2300 MHz SAR Dipole                 | 11/10/2020 | Annual       | 11/10/2021 | 1064          |
| SPEAG              | D2450V2       | 2450 MHz SAR Dipole                 | 11/12/2018 | Triennial    | 11/12/2021 | 921           |
| SPEAG              | D2450V2       | 2450 MHz SAR Dipole                 | 5/16/2018  | Triennial    | 5/16/2021  | 945           |
| SPEAG              | D2600V2       | 2600 MHz SAR Dipole                 | 6/19/2018  | Triennial    | 6/19/2021  | 1009          |
| SPEAG              | D3600V2       | 3600 MHz SAR Dipole                 | 8/16/2019  | Biennial     | 8/16/2021  | 1055          |
| SPEAG              | D3700V2       | 3700 MHz SAR Dipole                 | 10/17/2019 | Biennial     | 10/17/2021 | 1002          |
| SPEAG              | D3900V2       | 3900 MHz SAR Dipole                 | 11/13/2020 | Annual       | 11/13/2021 | 1062          |
| SPEAG              | D5GHZV2       | 5 GHz SAR Dipole                    | 9/13/2018  | Triennial    | 9/13/2021  | 1163          |
| SPEAG              | D5GHZV2       | 5 GHz SAR Dipole                    | 3/13/2018  | Triennial    | 3/13/2021  | 1123          |
| SPEAG              | EX3DV4        | SAR Probe                           | 2/19/2020  | Annual       | 2/19/2021  | 7427          |
| SPEAG              | EX3DV4        | SAR Probe                           | 10/21/2020 | Annual       | 10/21/2021 | 7558          |
| SPEAG              | EX3DV4        | SAR Probe                           | 7/16/2020  | Annual       | 7/16/2021  | 7546          |
| SPEAG              | EX3DV4        | SAR Probe                           | 3/20/2020  | Annual       | 3/20/2021  | 7421          |
| SPEAG              | EX3DV4        | SAR Probe                           | 10/21/2020 | Annual       | 10/21/2021 | 7420          |
| SPEAG              | EX3DV4        | SAR Probe                           | 8/19/2020  | Annual       | 8/19/2021  | 3949          |
| SPEAG              | EX3DV4        | SAR Probe                           | 6/22/2020  | Annual       | 6/22/2021  | 7416          |
| SPEAG              | EX3DV4        | SAR Probe                           | 1/18/2021  | Annual       | 1/18/2022  | 3837          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 2/13/2020  | Annual       | 2/13/2021  | 1403          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 10/12/2020 | Annual       | 10/12/2021 | 1364          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 4/14/2020  | Annual       | 4/14/2021  | 1532          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 3/19/2020  | Annual       | 3/19/2021  | 604           |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 10/12/2020 | Annual       | 10/12/2021 | 1364          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 10/12/2020 | Annual       | 10/12/2021 | 1213          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 9/13/2020  | Annual       | 9/13/2021  | 1408          |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 6/11/2020  | Annual       | 6/11/2021  | 701           |
| SPEAG              | DAE4          | Dasy Data Acquisition Electronics   | 1/13/2021  | Annual       | 1/13/2022  | 793           |

Note:

1. CBT (Calibrated Before Testing). Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. a signal generator) to determine the losses of the measurement path. The power meter offset was then adjusted to compensate for the measurement system losses. This level offset is stored within the power meter before measurements are made. This calibration verification procedure applies to the system verification and output power measurements. The calibrated reading is then taken directly from the power meter after compensation of the losses for all final power measurements.
2. Each equipment item was used solely within its respective calibration period.

|                                             |                                                                                                                   |                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                            |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Document S/N:<br>1C2101020002-34.BCG (Rev1) | Test Dates:<br>01/06/2021 – 03/15/2021                                                                            | DUT Type:<br>Tablet Device      |
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## 5 MEASUREMENT UNCERTAINTIES

### For SAR Measurements

| a                                                                             | c             | d              | e =<br>f(d,k) | f                     | g                        | h =<br>c x f/e                 | i =<br>c x g/e                   | k              |
|-------------------------------------------------------------------------------|---------------|----------------|---------------|-----------------------|--------------------------|--------------------------------|----------------------------------|----------------|
| Uncertainty Component                                                         | Tol.<br>(± %) | Prob.<br>Dist. | Div.          | c <sub>i</sub><br>1gm | c <sub>i</sub><br>10 gms | 1gm<br>u <sub>i</sub><br>(± %) | 10gms<br>u <sub>i</sub><br>(± %) | v <sub>i</sub> |
| <b>Measurement System</b>                                                     |               |                |               |                       |                          |                                |                                  |                |
| Probe Calibration                                                             | 6.55          | N              | 1             | 1.0                   | 1.0                      | 6.6                            | 6.6                              | ∞              |
| Axial Isotropy                                                                | 0.25          | N              | 1             | 0.7                   | 0.7                      | 0.2                            | 0.2                              | ∞              |
| Hemishperical Isotropy                                                        | 1.3           | N              | 1             | 0.7                   | 0.7                      | 0.9                            | 0.9                              | ∞              |
| Boundary Effect                                                               | 2.0           | R              | 1.73          | 1.0                   | 1.0                      | 1.2                            | 1.2                              | ∞              |
| Linearity                                                                     | 0.3           | N              | 1             | 1.0                   | 1.0                      | 0.3                            | 0.3                              | ∞              |
| System Detection Limits                                                       | 0.25          | R              | 1.73          | 1.0                   | 1.0                      | 0.1                            | 0.1                              | ∞              |
| Readout Electronics                                                           | 0.3           | N              | 1             | 1.0                   | 1.0                      | 0.3                            | 0.3                              | ∞              |
| Response Time                                                                 | 0.8           | R              | 1.73          | 1.0                   | 1.0                      | 0.5                            | 0.5                              | ∞              |
| Integration Time                                                              | 2.6           | R              | 1.73          | 1.0                   | 1.0                      | 1.5                            | 1.5                              | ∞              |
| RF Ambient Conditions - Noise                                                 | 3.0           | R              | 1.73          | 1.0                   | 1.0                      | 1.7                            | 1.7                              | ∞              |
| RF Ambient Conditions - Reflections                                           | 3.0           | R              | 1.73          | 1.0                   | 1.0                      | 1.7                            | 1.7                              | ∞              |
| Probe Positioner Mechanical Tolerance                                         | 0.4           | R              | 1.73          | 1.0                   | 1.0                      | 0.2                            | 0.2                              | ∞              |
| Probe Positioning w/ respect to Phantom                                       | 6.7           | R              | 1.73          | 1.0                   | 1.0                      | 3.9                            | 3.9                              | ∞              |
| Extrapolation, Interpolation & Integration algorithms for Max. SAR Evaluation | 4.0           | R              | 1.73          | 1.0                   | 1.0                      | 2.3                            | 2.3                              | ∞              |
| <b>Test Sample Related</b>                                                    |               |                |               |                       |                          |                                |                                  |                |
| Test Sample Positioning                                                       | 2.7           | N              | 1             | 1.0                   | 1.0                      | 2.7                            | 2.7                              | 35             |
| Device Holder Uncertainty                                                     | 1.67          | N              | 1             | 1.0                   | 1.0                      | 1.7                            | 1.7                              | 5              |
| Output Power Variation - SAR drift measurement                                | 5.0           | R              | 1.73          | 1.0                   | 1.0                      | 2.9                            | 2.9                              | ∞              |
| SAR Scaling                                                                   | 0.0           | R              | 1.73          | 1.0                   | 1.0                      | 0.0                            | 0.0                              | ∞              |
| <b>Phantom &amp; Tissue Parameters</b>                                        |               |                |               |                       |                          |                                |                                  |                |
| Phantom Uncertainty (Shape & Thickness tolerances)                            | 7.6           | R              | 1.73          | 1.0                   | 1.0                      | 4.4                            | 4.4                              | ∞              |
| Liquid Conductivity - measurement uncertainty                                 | 4.2           | N              | 1             | 0.78                  | 0.71                     | 3.3                            | 3.0                              | 10             |
| Liquid Permittivity - measurement uncertainty                                 | 4.1           | N              | 1             | 0.23                  | 0.26                     | 1.0                            | 1.1                              | 10             |
| Liquid Conductivity - Temperature Uncertainty                                 | 3.4           | R              | 1.73          | 0.78                  | 0.71                     | 1.5                            | 1.4                              | ∞              |
| Liquid Permittivity - Temperature Uncertainty                                 | 0.6           | R              | 1.73          | 0.23                  | 0.26                     | 0.1                            | 0.1                              | ∞              |
| Liquid Conductivity - deviation from target values                            | 5.0           | R              | 1.73          | 0.64                  | 0.43                     | 1.8                            | 1.2                              | ∞              |
| Liquid Permittivity - deviation from target values                            | 5.0           | R              | 1.73          | 0.60                  | 0.49                     | 1.7                            | 1.4                              | ∞              |
| <b>Combined Standard Uncertainty (k=1)</b>                                    | RSS           |                |               |                       |                          | 11.5                           | 11.3                             | 60             |
| <b>Expanded Uncertainty</b><br>(95% CONFIDENCE LEVEL)                         | k=2           |                |               |                       |                          | 23.0                           | 22.6                             |                |

|                                                    |                                                                                                                                                                                                                       |                                   |                                        |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------|
| FCC ID: BCGA2301                                   |  <b>PCTEST®</b><br>Proud to be part of  element | <b>PART 0 SAR CHAR REPORT</b>     | <b>Approved by:</b><br>Quality Manager |
| <b>Document S/N:</b><br>1C2101020002-34.BCG (Rev1) | <b>Test Dates:</b><br>01/06/2021 – 03/15/2021                                                                                                                                                                         | <b>DUT Type:</b><br>Tablet Device | Page 11 of 11                          |

## APPENDIX A: SAR TEST RESULTS FOR $P_{LIMIT}$ CALCULATIONS

|                                               |                                                                                                                                                                                                |                               |                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------|
| <b>FCC ID:</b> BCGA2301                       | <br>Proud to be part of  | <b>PART 0 SAR CHAR REPORT</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/06/2021 – 03/15/2021 | <b>DUT Type:</b><br>Tablet Device                                                                                                                                                              |                               | <b>APPENDIX A:</b><br>Page 1 of 51     |

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**Table A-1**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 GPRS 850**

| MEASUREMENT RESULTS                                                                               |     |         |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|---------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode    | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |         |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 824.20                                                                                            | 128 | GSM 850 | GPRS    | 24.30                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | back   | 0.608    | 19.30  | 19.30          |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 24.33                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | back   | 0.559    | 19.70  |                |
| 848.80                                                                                            | 251 | GSM 850 | GPRS    | 24.09                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | back   | 0.489    | 20.04  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 24.33                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | top    | 0.010    | 37.17  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 24.33                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | bottom | 0.367    | 21.52  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 24.33                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | right  | 0.019    | 34.38  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 24.33                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | left   | 0.245    | 23.28  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |         |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

**Table A-2**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 GPRS 850**

| MEASUREMENT RESULTS                                                                               |     |         |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|---------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode    | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |         |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 824.20                                                                                            | 128 | GSM 850 | GPRS    | 22.84                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.516    | 18.55  | 18.55          |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 23.06                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.529    | 18.67  |                |
| 848.80                                                                                            | 251 | GSM 850 | GPRS    | 22.73                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.407    | 19.47  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 23.06                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | top    | 0.475    | 19.13  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 23.06                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | bottom | 0.008    | 36.87  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 23.06                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | right  | 0.138    | 24.50  |                |
| 836.60                                                                                            | 190 | GSM 850 | GPRS    | 23.06                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | left   | 0.017    | 33.60  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |         |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

|                                        |                                                                                                                                                 |                               |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                      |                               | APPENDIX A:<br>Page 2 of 51     |

**Table A-3**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 GPRS 1900**

| MEASUREMENT RESULTS                                                                               |     |          |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|----------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |          |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.90                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | back   | 0.340    | 16.43  | 15.42          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.90                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | top    | 0.011    | 31.33  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.90                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | bottom | 0.125    | 20.77  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.90                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | right  | 0.004    | 35.72  |                |
| 1850.20                                                                                           | 512 | GSM 1900 | GPRS    | 19.00                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | left   | 0.354    | 16.35  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.90                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | left   | 0.429    | 15.42  |                |
| 1909.80                                                                                           | 810 | GSM 1900 | GPRS    | 18.91                 | 0 mm                                            | Ant 1           | 2               | 1:4.15     | left   | 0.404    | 15.69  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

**Table A-4**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b GPRS 1900**

| MEASUREMENT RESULTS                                                                               |     |          |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|----------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |          |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.92                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | back   | 0.468    | 15.06  | 14.74          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.92                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | top    | 0.015    | 30.00  |                |
| 1850.20                                                                                           | 512 | GSM 1900 | GPRS    | 18.99                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | bottom | 0.401    | 15.80  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.92                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | bottom | 0.504    | 14.74  |                |
| 1909.80                                                                                           | 810 | GSM 1900 | GPRS    | 18.94                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | bottom | 0.428    | 15.47  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.92                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | right  | 0.019    | 28.97  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 18.92                 | 0 mm                                            | Ant 2b          | 2               | 1:4.15     | left   | 0.005    | 34.77  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 3 of 51     |

**Table A-5**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 GPRS 1900**

| MEASUREMENT RESULTS                                                                               |     |          |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|----------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |          |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1850.20                                                                                           | 512 | GSM 1900 | GPRS    | 20.18                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.302    | 18.22  | 17.15          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 20.10                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.379    | 17.15  |                |
| 1909.80                                                                                           | 810 | GSM 1900 | GPRS    | 20.12                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | back   | 0.293    | 18.29  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 20.10                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | top    | 0.237    | 19.19  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 20.10                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | bottom | 0.014    | 31.48  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 20.10                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | right  | 0.355    | 17.44  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 20.10                 | 0 mm                                            | Ant 3           | 2               | 1:4.15     | left   | 0.001    | 42.94  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

**Table A-6**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b GPRS 1900**

| MEASUREMENT RESULTS                                                                               |     |          |         |                       |                                                 |                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|-----|----------|---------|-----------------------|-------------------------------------------------|-----------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |     | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | # of Time Slots | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch. |          |         |                       |                                                 |                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1850.20                                                                                           | 512 | GSM 1900 | GPRS    | 17.86                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | back   | 0.490    | 13.80  | 12.83          |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 17.72                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | back   | 0.539    | 13.24  |                |
| 1909.80                                                                                           | 810 | GSM 1900 | GPRS    | 17.85                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | back   | 0.611    | 12.83  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 17.72                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | top    | 0.442    | 14.11  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 17.72                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | bottom | 0.003    | 35.79  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 17.72                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | right  | 0.004    | 34.54  |                |
| 1880.00                                                                                           | 661 | GSM 1900 | GPRS    | 17.72                 | 0 mm                                            | Ant 4b          | 2               | 1:4.15     | left   | 0.021    | 27.34  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |     |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |                 |            |        |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 4 of 51         |

**Table A-7**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 UMTS Band 5**

| MEASUREMENT RESULTS                                                                               |      |          |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |          |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 826.40                                                                                            | 4132 | UMTS 850 | RMC     | 17.85                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.606    | 19.06  | 19.06          |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.567    | 19.39  |                |
| 846.60                                                                                            | 4233 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.521    | 19.75  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | top    | 0.022    | 33.50  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | bottom | 0.385    | 21.07  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | right  | 0.026    | 32.77  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.89                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.205    | 23.80  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

**Table A-8**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 UMTS Band 5**

| MEASUREMENT RESULTS                                                                               |      |          |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode     | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |          |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 826.40                                                                                            | 4132 | UMTS 850 | RMC     | 17.95                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.624    | 19.03  | 18.84          |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.97                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.655    | 18.84  |                |
| 846.60                                                                                            | 4233 | UMTS 850 | RMC     | 17.90                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.594    | 19.19  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.97                 | 0 mm                                            | Ant 3           | 1:1        | top    | 0.515    | 19.88  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.97                 | 0 mm                                            | Ant 3           | 1:1        | bottom | 0.011    | 36.59  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.97                 | 0 mm                                            | Ant 3           | 1:1        | right  | 0.307    | 22.13  |                |
| 836.60                                                                                            | 4183 | UMTS 850 | RMC     | 17.97                 | 0 mm                                            | Ant 3           | 1:1        | left   | 0.022    | 33.58  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |          |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

|                                        |                                                                                                                                                                                                |                        |                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| FCC ID: BCGA2301                       | <br>Proud to be part of  | PART 0 SAR CHAR REPORT | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                                                                     |                        | APPENDIX A:<br>Page 5 of 51     |

**Table A-9**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 UMTS Band 4**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1712.40                                                                                           | 1312 | UMTS 1750 | RMC     | 15.25                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.875    | 14.86  | 14.83          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.28                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.860    | 14.97  |                |
| 1752.60                                                                                           | 1513 | UMTS 1750 | RMC     | 15.23                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.835    | 15.04  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.28                 | 0 mm                                            | Ant 1           | 1:1        | top    | 0.032    | 29.26  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.28                 | 0 mm                                            | Ant 1           | 1:1        | bottom | 0.226    | 20.77  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.28                 | 0 mm                                            | Ant 1           | 1:1        | right  | 0.000    | 44.31  |                |
| 1712.40                                                                                           | 1312 | UMTS 1750 | RMC     | 15.25                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.882    | 14.83  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.28                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.870    | 14.92  |                |
| 1752.60                                                                                           | 1513 | UMTS 1750 | RMC     | 15.23                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.860    | 14.92  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

**Table A-10**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b UMTS Band 4**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 14.82                 | 0 mm                                            | Ant 2b          | 1:1        | back   | 0.696    | 15.42  | 14.73          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 14.82                 | 0 mm                                            | Ant 2b          | 1:1        | top    | 0.001    | 43.85  |                |
| 1712.40                                                                                           | 1312 | UMTS 1750 | RMC     | 14.99                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.761    | 15.21  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 14.82                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.770    | 14.99  |                |
| 1752.60                                                                                           | 1513 | UMTS 1750 | RMC     | 14.94                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.839    | 14.73  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 14.82                 | 0 mm                                            | Ant 2b          | 1:1        | right  | 0.040    | 27.83  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 14.82                 | 0 mm                                            | Ant 2b          | 1:1        | left   | 0.001    | 43.85  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

|                                        |                                                                                                                                                                                                |                        |                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| FCC ID: BCGA2301                       | <br>Proud to be part of  | PART 0 SAR CHAR REPORT | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                                                                     |                        | APPENDIX A:<br>Page 6 of 51     |

**Table A-11**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 UMTS Band 4**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.12                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.492    | 17.23  | 15.27          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.12                 | 0 mm                                            | Ant 3           | 1:1        | top    | 0.169    | 21.87  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.12                 | 0 mm                                            | Ant 3           | 1:1        | bottom | 0.033    | 28.97  |                |
| 1712.40                                                                                           | 1312 | UMTS 1750 | RMC     | 15.08                 | 0 mm                                            | Ant 3           | 1:1        | right  | 0.765    | 15.27  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.12                 | 0 mm                                            | Ant 3           | 1:1        | right  | 0.703    | 15.68  |                |
| 1752.60                                                                                           | 1513 | UMTS 1750 | RMC     | 15.10                 | 0 mm                                            | Ant 3           | 1:1        | right  | 0.703    | 15.66  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 15.12                 | 0 mm                                            | Ant 3           | 1:1        | left   | 0.005    | 37.16  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

**Table A-12**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b UMTS Band 4**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1712.40                                                                                           | 1312 | UMTS 1750 | RMC     | 13.68                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.837    | 13.48  | 13.14          |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 13.67                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.854    | 13.39  |                |
| 1752.60                                                                                           | 1513 | UMTS 1750 | RMC     | 13.66                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.902    | 13.14  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 13.67                 | 0 mm                                            | Ant 4b          | 1:1        | top    | 0.694    | 14.29  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 13.67                 | 0 mm                                            | Ant 4b          | 1:1        | bottom | 0.005    | 35.71  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 13.67                 | 0 mm                                            | Ant 4b          | 1:1        | right  | 0.002    | 39.69  |                |
| 1732.40                                                                                           | 1412 | UMTS 1750 | RMC     | 13.67                 | 0 mm                                            | Ant 4b          | 1:1        | left   | 0.051    | 25.63  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

|                                        |                                                                                                                                                                                                |                        |                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| FCC ID: BCGA2301                       | <br>Proud to be part of  | PART 0 SAR CHAR REPORT | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                                                                     |                        | APPENDIX A:<br>Page 7 of 51     |

**Table A-13**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 UMTS Band 2**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1852.40                                                                                           | 9262 | UMTS 1900 | RMC     | 14.43                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.647    | 15.35  | 15.06          |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 14.27                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.660    | 15.11  |                |
| 1907.60                                                                                           | 9538 | UMTS 1900 | RMC     | 14.28                 | 0 mm                                            | Ant 1           | 1:1        | back   | 0.655    | 15.15  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 14.27                 | 0 mm                                            | Ant 1           | 1:1        | top    | 0.013    | 32.16  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 14.27                 | 0 mm                                            | Ant 1           | 1:1        | bottom | 0.205    | 20.18  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 14.27                 | 0 mm                                            | Ant 1           | 1:1        | right  | 0.000    | 43.30  |                |
| 1852.40                                                                                           | 9262 | UMTS 1900 | RMC     | 14.43                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.638    | 15.41  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 14.27                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.665    | 15.07  |                |
| 1907.60                                                                                           | 9538 | UMTS 1900 | RMC     | 14.28                 | 0 mm                                            | Ant 1           | 1:1        | left   | 0.668    | 15.06  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

**Table A-14**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b UMTS Band 2**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 13.70                 | 0 mm                                            | Ant 2b          | 1:1        | back   | 0.534    | 15.46  | 14.42          |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 13.70                 | 0 mm                                            | Ant 2b          | 1:1        | top    | 0.004    | 36.71  |                |
| 1852.40                                                                                           | 9262 | UMTS 1900 | RMC     | 13.80                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.622    | 14.89  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 13.70                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.678    | 14.42  |                |
| 1907.60                                                                                           | 9538 | UMTS 1900 | RMC     | 13.72                 | 0 mm                                            | Ant 2b          | 1:1        | bottom | 0.627    | 14.78  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 13.70                 | 0 mm                                            | Ant 2b          | 1:1        | right  | 0.032    | 27.68  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 13.70                 | 0 mm                                            | Ant 2b          | 1:1        | left   | 0.009    | 33.19  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

|                                        |                                                                                                                                                                                                |                        |                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| FCC ID: BCGA2301                       | <br>Proud to be part of  | PART 0 SAR CHAR REPORT | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                                                                     |                        | APPENDIX A:<br>Page 8 of 51     |

**Table A-15**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 UMTS Band 2**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1852.40                                                                                           | 9262 | UMTS 1900 | RMC     | 15.26                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.679    | 15.97  | 15.61          |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 15.16                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.721    | 15.61  |                |
| 1907.60                                                                                           | 9538 | UMTS 1900 | RMC     | 15.18                 | 0 mm                                            | Ant 3           | 1:1        | back   | 0.620    | 16.29  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 15.16                 | 0 mm                                            | Ant 3           | 1:1        | top    | 0.366    | 18.56  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 15.16                 | 0 mm                                            | Ant 3           | 1:1        | bottom | 0.028    | 29.72  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 15.16                 | 0 mm                                            | Ant 3           | 1:1        | right  | 0.533    | 16.92  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 15.16                 | 0 mm                                            | Ant 3           | 1:1        | left   | 0.003    | 39.42  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

**Table A-16**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b UMTS Band 2**

| MEASUREMENT RESULTS                                                                               |      |           |         |                       |                                                 |                 |            |        |          |        |                |
|---------------------------------------------------------------------------------------------------|------|-----------|---------|-----------------------|-------------------------------------------------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY                                                                                         |      | Mode      | Service | Conducted Power [dBm] | Spacing                                         | Antenna Config. | Duty Cycle | Side   | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.  |           |         |                       |                                                 |                 |            |        | (W/kg)   | [dBm]  | [dBm]          |
| 1852.40                                                                                           | 9262 | UMTS 1900 | RMC     | 11.59                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.610    | 12.77  | 11.96          |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 11.43                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.659    | 12.27  |                |
| 1907.60                                                                                           | 9538 | UMTS 1900 | RMC     | 11.52                 | 0 mm                                            | Ant 4b          | 1:1        | back   | 0.723    | 11.96  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 11.43                 | 0 mm                                            | Ant 4b          | 1:1        | top    | 0.484    | 13.61  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 11.43                 | 0 mm                                            | Ant 4b          | 1:1        | bottom | 0.001    | 40.46  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 11.43                 | 0 mm                                            | Ant 4b          | 1:1        | right  | 0.004    | 34.44  |                |
| 1880.00                                                                                           | 9400 | UMTS 1900 | RMC     | 11.43                 | 0 mm                                            | Ant 4b          | 1:1        | left   | 0.022    | 27.04  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |      |           |         |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |        |          |        |                |

|                                        |                                                                                                                                                 |                        |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PCTEST</b><br><small>Proud to be part of element</small> | PART 0 SAR CHAR REPORT | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                      |                        | APPENDIX A:<br>Page 9 of 51     |

**Table A-17**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 71**

| MEASUREMENT RESULTS                                                                               |        |        |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|--------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |        | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    | (W/kg) |             |                 |                       |                                                 |                 |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.88                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | back   | 1:1        | 0.594    | 21.17  | 21.17          |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.89                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.596    | 21.17  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.88                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | top    | 1:1        | 0.021    | 35.69  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.89                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.023    | 35.30  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.88                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | bottom | 1:1        | 0.529    | 21.68  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.89                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.507    | 21.87  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.88                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | right  | 1:1        | 0.048    | 32.10  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.89                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.051    | 31.85  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.88                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | left   | 1:1        | 0.469    | 22.20  |                |
| 680.50                                                                                            | 133297 | Mid    | LTE Band 71 | 20              | 19.89                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.505    | 21.89  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |        |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-18**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 71**

| MEASUREMENT RESULTS                                                                               |        |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.64                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.746    | 19.94  | 19.94          |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.66                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.648    | 20.58  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.63                 | 0                                               | Ant 3           | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.659    | 20.47  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.64                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.549    | 21.28  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.66                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.533    | 21.42  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.64                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.009    | 39.13  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.66                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.010    | 38.69  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.64                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.229    | 25.07  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.66                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.201    | 25.66  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.64                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.025    | 34.69  |                |
| 680.50                                                                                            | 133297 | Mid | LTE Band 71 | 20              | 19.66                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.023    | 35.07  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 10 of 51    |

**Table A-19**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 12**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.856    | 19.54  | 19.54          |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.80                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.700    | 20.38  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.63                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.683    | 20.32  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.026    | 34.71  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.80                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.035    | 33.39  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.526    | 21.65  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.80                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.549    | 21.44  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.031    | 33.95  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.80                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.038    | 33.03  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.423    | 22.60  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.80                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.437    | 22.43  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-20**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 12**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.84                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.716    | 19.32  | 18.84          |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.03                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.746    | 19.33  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.83                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.799    | 18.84  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.84                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.578    | 20.25  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.03                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.582    | 20.41  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.84                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.016    | 35.83  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.03                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.015    | 36.30  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.84                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.228    | 24.29  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.03                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.238    | 24.30  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 18.84                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.023    | 34.25  |                |
| 707.50                                                                                            | 23095 | Mid | LTE Band 12 | 10              | 19.03                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.027    | 33.75  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 11 of 51    |

**Table A-21**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 13**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.22                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.636    | 20.22  | 19.56          |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.30                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.630    | 20.34  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.737    | 19.56  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.22                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.026    | 34.10  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.30                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | top    | 1:1        | 0.028    | 33.86  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.22                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.549    | 20.86  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.30                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | bottom | 1:1        | 0.546    | 20.96  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.22                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.041    | 32.12  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.30                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | right  | 1:1        | 0.042    | 32.10  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.22                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.456    | 21.66  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 19.30                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | left   | 1:1        | 0.464    | 21.67  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-22**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 13**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.56                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.591    | 19.87  | 19.87          |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.72                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.572    | 20.18  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.55                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.559    | 20.11  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.56                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.498    | 20.62  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.72                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.514    | 20.64  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.56                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.010    | 37.59  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.72                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.010    | 37.75  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.56                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.192    | 24.76  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.72                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.188    | 25.01  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.56                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.022    | 34.17  |                |
| 782.00                                                                                            | 23230 | Mid | LTE Band 13 | 10              | 18.72                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.021    | 34.53  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 12 of 51    |

**Table A-23**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 14**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.727    | 19.62  | 19.62          |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.29                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.615    | 20.43  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.19                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.612    | 20.35  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.026    | 34.08  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.29                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | top    | 1:1        | 0.028    | 33.85  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.479    | 21.43  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.29                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | bottom | 1:1        | 0.485    | 21.46  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.041    | 32.10  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.29                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | right  | 1:1        | 0.042    | 32.09  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.20                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.446    | 21.74  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 19.29                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | left   | 1:1        | 0.454    | 21.75  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-24**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 14**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.68                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.555    | 20.27  | 20.27          |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.67                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.544    | 20.34  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.68                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.440    | 21.28  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.67                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.445    | 21.22  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.68                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.012    | 36.92  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.67                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.012    | 36.91  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.68                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.173    | 25.33  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.67                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.169    | 25.42  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.68                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.020    | 34.70  |                |
| 793.00                                                                                            | 23330 | Mid | LTE Band 14 | 10              | 18.67                 | 0                                               | Ant 3           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.021    | 34.48  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 13 of 51        |

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**Table A-25**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 26**

| MEASUREMENT RESULTS                                                                               |       |      |                    |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|--------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode               | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                    |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.03                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.721    | 18.48  | 18.48          |
| 831.50                                                                                            | 26865 | Mid  | LTE Band 26 (Cell) | 10              | 18.08                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.660    | 18.92  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.587    | 19.45  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.15                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.730    | 18.55  |                |
| 831.50                                                                                            | 26865 | Mid  | LTE Band 26 (Cell) | 10              | 18.13                 | 0                                               | Ant 1           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.646    | 19.06  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.13                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.588    | 19.47  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.582    | 19.48  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.004    | 41.12  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.15                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.003    | 42.41  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.399    | 21.13  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.15                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.459    | 20.56  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.012    | 36.35  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.15                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.013    | 36.04  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.291    | 22.50  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.15                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.239    | 23.40  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                    |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 14 of 51    |

**Table A-26**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 26**

| MEASUREMENT RESULTS                                                                               |       |      |                    |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|--------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode               | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                    |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.16                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.686    | 18.83  | 18.55          |
| 831.50                                                                                            | 26865 | Mid  | LTE Band 26 (Cell) | 10              | 18.07                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.690    | 18.71  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 17.94                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.662    | 18.76  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.23                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.703    | 18.79  |                |
| 831.50                                                                                            | 26865 | Mid  | LTE Band 26 (Cell) | 10              | 18.17                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.687    | 18.83  |                |
| 844.00                                                                                            | 26990 | High | LTE Band 26 (Cell) | 10              | 18.09                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.673    | 18.84  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.12                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.724    | 18.55  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.16                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.596    | 19.44  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.23                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | top    | 1:1        | 0.598    | 19.49  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.16                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.012    | 36.40  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.23                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | bottom | 1:1        | 0.013    | 36.12  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.16                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.225    | 23.67  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.23                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | right  | 1:1        | 0.227    | 23.70  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.16                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.015    | 35.43  |                |
| 819.00                                                                                            | 26740 | Low  | LTE Band 26 (Cell) | 10              | 18.23                 | 0                                               | Ant 3           | QPSK       | 25      | 12        | 0 mm    | left   | 1:1        | 0.020    | 34.25  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                    |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-27**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 5**

| MEASUREMENT RESULTS                                                                               |       |     |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.702    | 18.67  | 18.67          |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.629    | 19.15  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.07                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.643    | 19.02  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.001    | 47.13  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.010    | 37.14  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.474    | 20.37  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.468    | 20.44  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.018    | 34.58  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.015    | 35.38  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.10                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.260    | 22.98  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.11                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.268    | 22.86  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 15 of 51        |

**Table A-28**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 5**

| MEASUREMENT RESULTS                                                                               |       |     |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.01                 | 0                                               | Ant 3           | QPSK       | 1       | 25        | 0 mm    | back   | 1:1        | 0.693    | 18.63  | 18.35          |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.18                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | back   | 1:1        | 0.708    | 18.71  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.00                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.738    | 18.35  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.01                 | 0                                               | Ant 3           | QPSK       | 1       | 25        | 0 mm    | top    | 1:1        | 0.567    | 19.51  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.18                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | top    | 1:1        | 0.583    | 19.55  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.01                 | 0                                               | Ant 3           | QPSK       | 1       | 25        | 0 mm    | bottom | 1:1        | 0.015    | 35.28  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.18                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | bottom | 1:1        | 0.015    | 35.45  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.01                 | 0                                               | Ant 3           | QPSK       | 1       | 25        | 0 mm    | right  | 1:1        | 0.216    | 23.70  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.18                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | right  | 1:1        | 0.220    | 23.79  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.01                 | 0                                               | Ant 3           | QPSK       | 1       | 25        | 0 mm    | left   | 1:1        | 0.029    | 32.42  |                |
| 836.50                                                                                            | 20525 | Mid | LTE Band 5 (Cell) | 10              | 18.18                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | left   | 1:1        | 0.025    | 33.23  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 16 of 51    |

**Table A-29**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 66**

| MEASUREMENT RESULTS                      |        |      |                   |                 |                       |                      |                 |            |         |           |         |        |            |          |        |                |
|------------------------------------------|--------|------|-------------------|-----------------|-----------------------|----------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                |        |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]             | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                      | Ch.    |      |                   |                 |                       |                      |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.50                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.945    | 14.78  | 14.57          |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 15.47                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.946    | 14.74  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 15.26                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.900    | 14.75  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.49                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.964    | 14.68  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 15.47                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.946    | 14.74  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 15.23                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.892    | 14.76  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.48                 | 0                    | Ant 1           | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.987    | 14.57  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.50                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.018    | 31.98  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.49                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.021    | 31.30  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.50                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.240    | 20.73  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.49                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.242    | 20.68  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.50                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.000    | 44.53  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.49                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.001    | 44.52  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.50                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.903    | 14.97  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 15.47                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.889    | 15.01  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 15.26                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.877    | 14.86  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.49                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.903    | 14.96  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 15.47                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.906    | 14.93  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 15.23                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.873    | 14.85  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 15.48                 | 0                    | Ant 1           | QPSK       | 100     | 0         | 0 mm    | left   | 1:1        | 0.937    | 14.79  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |        |      |                   |                 |                       | Body                 |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak                             |        |      |                   |                 |                       | 1.6 W/kg (mW/g)      |                 |            |         |           |         |        |            |          |        |                |
| Uncontrolled Exposure/General Population |        |      |                   |                 |                       | averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 17 of 51    |

**Table A-30**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b LTE Band 66**

| MEASUREMENT RESULTS                                      |        |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|----------------------------------------------------------|--------|------|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                |        |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                      | Ch.    |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1720.00                                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 14.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.659    | 15.50  | 14.11          |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.52                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.737    | 14.88  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.71                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.797    | 14.73  |                |
| 1720.00                                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 14.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.699    | 15.34  |                |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.74                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.773    | 14.89  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.877    | 14.38  |                |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.70                 | 0                                               | Ant 2b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.769    | 14.87  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.71                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.000    | 43.74  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.002    | 40.80  |                |
| 1720.00                                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 14.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.834    | 14.48  |                |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.52                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.830    | 14.36  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.71                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.855    | 14.42  |                |
| 1720.00                                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 14.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.842    | 14.53  |                |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.74                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.872    | 14.37  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.934    | 14.11  |                |
| 1745.00                                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 14.70                 | 0                                               | Ant 2b          | QPSK       | 100     | 0         | 0 mm    | bottom | 1:1        | 0.866    | 14.36  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.71                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.056    | 26.26  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.054    | 26.49  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.71                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.004    | 37.72  |                |
| 1770.00                                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 14.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.005    | 36.82  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT                    |        |      |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 18 of 51    |

**Table A-31**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 66**

| MEASUREMENT RESULTS                                                                               |        |        |                      |                    |                          |                                                 |                    |            |         |           |         |        |            |          |        |                   |
|---------------------------------------------------------------------------------------------------|--------|--------|----------------------|--------------------|--------------------------|-------------------------------------------------|--------------------|------------|---------|-----------|---------|--------|------------|----------|--------|-------------------|
| FREQUENCY                                                                                         |        |        | Mode                 | Bandwidth<br>[MHz] | Conducted<br>Power [dBm] | MPR [dB]                                        | Antenna<br>Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum<br>Plimit |
| MHz                                                                                               | Ch.    | (W/kg) |                      |                    |                          |                                                 |                    |            |         |           |         |        |            | [dBm]    | [dBm]  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.97                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.428    | 17.69  | 15.52             |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 15.01                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.430    | 17.71  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.97                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.151    | 22.21  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 15.01                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.154    | 22.17  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.97                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.037    | 28.32  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 15.01                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.033    | 28.86  |                   |
| 1720.00                                                                                           | 132072 | Low    | LTE Band 66<br>(AWS) | 20                 | 14.88                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.641    | 15.84  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.97                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.641    | 15.93  |                   |
| 1770.00                                                                                           | 132572 | High   | LTE Band 66<br>(AWS) | 20                 | 14.61                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.611    | 15.78  |                   |
| 1720.00                                                                                           | 132072 | Low    | LTE Band 66<br>(AWS) | 20                 | 14.93                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.699    | 15.52  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 15.01                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.644    | 15.95  |                   |
| 1770.00                                                                                           | 132572 | High   | LTE Band 66<br>(AWS) | 20                 | 14.88                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.633    | 15.90  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.96                    | 0                                               | Ant 3              | QPSK       | 100     | 0         | 0 mm    | right  | 1:1        | 0.639    | 15.94  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 14.97                    | 0                                               | Ant 3              | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.000    | 44.00  |                   |
| 1745.00                                                                                           | 132322 | Mid    | LTE Band 66<br>(AWS) | 20                 | 15.01                    | 0                                               | Ant 3              | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.002    | 41.03  |                   |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |        |                      |                    |                          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                    |            |         |           |         |        |            |          |        |                   |

|                                               |                                                                                                                                                                                                              |                                                                             |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| FCC ID: BCGA2301                              |  <b>PCTEST</b><br>Proud to be part of  | <b>PART 0 SAR CHAR REPORT</b><br><br><b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/06/2021 – 03/15/2021 | <b>DUT Type:</b><br>Tablet Device                                                                                                                                                                            | <b>APPENDIX A:</b><br>Page 19 of 51                                         |

**Table A-32**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b LTE Band 66**

| MEASUREMENT RESULTS                      |        |      |                   |                 |                       |                      |                 |            |         |           |         |        |            |          |        |                |
|------------------------------------------|--------|------|-------------------|-----------------|-----------------------|----------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                |        |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]             | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                      | Ch.    |      |                   |                 |                       |                      |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.20                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.682    | 13.89  | 13.37          |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.17                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.698    | 13.76  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 13.07                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.690    | 13.71  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.29                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.705    | 13.84  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.21                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.713    | 13.71  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 13.13                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.694    | 13.75  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.19                 | 0                    | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.691    | 13.83  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.20                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.679    | 13.91  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.17                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.705    | 13.72  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 13.07                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.747    | 13.37  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.29                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.689    | 13.94  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.21                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.733    | 13.59  |                |
| 1770.00                                  | 132572 | High | LTE Band 66 (AWS) | 20              | 13.13                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.716    | 13.61  |                |
| 1745.00                                  | 132322 | Mid  | LTE Band 66 (AWS) | 20              | 13.19                 | 0                    | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | top    | 1:1        | 0.713    | 13.69  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.20                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.002    | 39.22  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.29                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.005    | 35.33  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.20                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.002    | 39.22  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.29                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.002    | 39.31  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.20                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.047    | 25.51  |                |
| 1720.00                                  | 132072 | Low  | LTE Band 66 (AWS) | 20              | 13.29                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.048    | 25.51  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |        |      |                   |                 |                       | Body                 |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak                             |        |      |                   |                 |                       | 1.6 W/kg (mW/g)      |                 |            |         |           |         |        |            |          |        |                |
| Uncontrolled Exposure/General Population |        |      |                   |                 |                       | averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 20 of 51    |

**Table A-33**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 25**

| MEASUREMENT RESULTS                                                                               |       |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.31                 | 0                                               | Ant 1           | QPSK       | 1       | 99        | 0 mm    | back   | 1:1        | 0.586    | 15.66  | 14.90          |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.39                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.641    | 15.35  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.31                 | 0                                               | Ant 1           | QPSK       | 1       | 99        | 0 mm    | top    | 1:1        | 0.013    | 32.20  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.39                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.015    | 31.66  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.31                 | 0                                               | Ant 1           | QPSK       | 1       | 99        | 0 mm    | bottom | 1:1        | 0.203    | 20.27  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.39                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.222    | 19.96  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.31                 | 0                                               | Ant 1           | QPSK       | 1       | 99        | 0 mm    | right  | 1:1        | 0.000    | 43.34  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.39                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.000    | 43.42  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.31                 | 0                                               | Ant 1           | QPSK       | 1       | 99        | 0 mm    | left   | 1:1        | 0.619    | 15.42  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 14.27                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.539    | 15.99  |                |
| 1882.50                                                                                           | 26365 | Mid  | LTE Band 25 (PCS) | 20              | 14.26                 | 0                                               | Ant 1           | QPSK       | 50      | 50        | 0 mm    | left   | 1:1        | 0.603    | 15.49  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.39                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.712    | 14.90  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 14.30                 | 0                                               | Ant 1           | QPSK       | 100     | 0         | 0 mm    | left   | 1:1        | 0.630    | 15.34  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-34**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b LTE Band 25**

| MEASUREMENT RESULTS                                                                               |       |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.85                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.466    | 16.20  | 14.83          |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.88                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.485    | 16.05  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.85                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.001    | 42.88  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.88                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.000    | 42.91  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.85                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.618    | 14.97  |                |
| 1882.50                                                                                           | 26365 | Mid  | LTE Band 25 (PCS) | 20              | 13.50                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.589    | 14.83  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 13.72                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.601    | 14.96  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.88                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.609    | 15.06  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.83                 | 0                                               | Ant 2b          | QPSK       | 100     | 0         | 0 mm    | bottom | 1:1        | 0.560    | 15.38  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.85                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.036    | 27.32  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.88                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.036    | 27.35  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.85                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.008    | 33.85  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 13.88                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.008    | 33.88  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                                                                |                               |                                     |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br>Proud to be part of  | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                                                                     |                               | APPENDIX A:<br>Page 21 of 51        |

**Table A-35**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 25**

| MEASUREMENT RESULTS                                                                               |       |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.36                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.569    | 16.84  | 16.84          |
| 1882.50                                                                                           | 26365 | Mid  | LTE Band 25 (PCS) | 20              | 15.17                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.507    | 17.15  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 15.11                 | 0                                               | Ant 3           | QPSK       | 1       | 50        | 0 mm    | back   | 1:1        | 0.457    | 17.54  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.41                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.529    | 17.21  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.36                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.316    | 19.39  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.41                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.323    | 19.35  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.36                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.021    | 31.17  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.41                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.022    | 31.02  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.36                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.415    | 18.21  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.41                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.428    | 18.13  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.36                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.002    | 41.38  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 15.41                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.002    | 41.43  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-36**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b LTE Band 25**

| MEASUREMENT RESULTS                                                                               |       |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|-------------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |                   |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.56                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.568    | 13.05  | 12.53          |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.59                 | 0                                               | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.608    | 12.78  |                |
| 1882.50                                                                                           | 26365 | Mid  | LTE Band 25 (PCS) | 20              | 11.61                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1        | 0.647    | 12.53  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 11.75                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1        | 0.658    | 12.60  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.56                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.507    | 13.54  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 11.75                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | top    | 1:1        | 0.528    | 13.55  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.56                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.000    | 40.59  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 11.75                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | bottom | 1:1        | 0.000    | 40.78  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.56                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.002    | 37.58  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 11.75                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | right  | 1:1        | 0.002    | 37.77  |                |
| 1860.00                                                                                           | 26140 | Low  | LTE Band 25 (PCS) | 20              | 11.56                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.014    | 29.13  |                |
| 1905.00                                                                                           | 26590 | High | LTE Band 25 (PCS) | 20              | 11.75                 | 0                                               | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1        | 0.020    | 27.77  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |                   |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 22 of 51        |

**Table A-37**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 30**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.86                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.481    | 16.07  | 16.04          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.89                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | back   | 1:1        | 0.488    | 16.04  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.86                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.010    | 32.89  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.89                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | top    | 1:1        | 0.010    | 32.92  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.86                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.137    | 21.52  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.89                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | bottom | 1:1        | 0.140    | 21.46  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.86                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.000    | 42.89  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.89                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | right  | 1:1        | 0.000    | 42.92  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.86                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.408    | 16.78  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 13.89                 | 0                                               | Ant 1           | QPSK       | 25      | 0         | 0 mm    | left   | 1:1        | 0.408    | 16.81  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-38**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b LTE Band 30**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.20                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.581    | 12.59  | 12.28          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 2b          | QPSK       | 25      | 25        | 0 mm    | back   | 1:1        | 0.550    | 12.88  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.19                 | 0                                               | Ant 2b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.622    | 12.28  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.20                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.001    | 40.23  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 2b          | QPSK       | 25      | 25        | 0 mm    | top    | 1:1        | 0.001    | 40.28  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.20                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.334    | 14.99  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 2b          | QPSK       | 25      | 25        | 0 mm    | bottom | 1:1        | 0.321    | 15.22  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.20                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.033    | 25.05  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 2b          | QPSK       | 25      | 25        | 0 mm    | right  | 1:1        | 0.032    | 25.23  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.20                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.016    | 28.19  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 2b          | QPSK       | 25      | 25        | 0 mm    | left   | 1:1        | 0.017    | 27.98  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 23 of 51        |

**Table A-39**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 30**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.88                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.885    | 17.44  | 17.29          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.97                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | back   | 1:1        | 0.917    | 17.38  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.87                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.915    | 17.29  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.88                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.557    | 19.45  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.97                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | top    | 1:1        | 0.602    | 19.20  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.88                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.015    | 35.15  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.97                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | bottom | 1:1        | 0.014    | 35.54  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.88                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.627    | 18.94  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.97                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | right  | 1:1        | 0.621    | 19.07  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.88                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.000    | 46.91  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 17.97                 | 0                                               | Ant 3           | QPSK       | 25      | 25        | 0 mm    | left   | 1:1        | 0.000    | 47.00  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

**Table A-40**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b LTE Band 30**

| MEASUREMENT RESULTS                                                                               |       |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|-----|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |     |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.26                 | 0                                               | Ant 4b          | QPSK       | 1       | 49        | 0 mm    | back   | 1:1        | 0.674    | 12.00  | 11.90          |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 25      | 12        | 0 mm    | back   | 1:1        | 0.707    | 11.94  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.689    | 11.90  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.26                 | 0                                               | Ant 4b          | QPSK       | 1       | 49        | 0 mm    | top    | 1:1        | 0.634    | 12.27  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 25      | 12        | 0 mm    | top    | 1:1        | 0.661    | 12.23  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.25                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.649    | 12.16  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.26                 | 0                                               | Ant 4b          | QPSK       | 1       | 49        | 0 mm    | bottom | 1:1        | 0.000    | 40.29  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 25      | 12        | 0 mm    | bottom | 1:1        | 0.000    | 40.43  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.26                 | 0                                               | Ant 4b          | QPSK       | 1       | 49        | 0 mm    | right  | 1:1        | 0.013    | 29.15  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 25      | 12        | 0 mm    | right  | 1:1        | 0.012    | 29.64  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.26                 | 0                                               | Ant 4b          | QPSK       | 1       | 49        | 0 mm    | left   | 1:1        | 0.042    | 24.06  |                |
| 2310.00                                                                                           | 27710 | Mid | LTE Band 30 | 10              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 25      | 12        | 0 mm    | left   | 1:1        | 0.044    | 24.00  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |     |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 24 of 51        |

**Table A-41**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 7**

| MEASUREMENT RESULTS                                                                               |       |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode       | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.91                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.452    | 16.39  | 13.44          |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.05                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.486    | 16.21  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.91                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.029    | 28.32  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.05                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.028    | 28.61  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.91                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.198    | 19.97  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.05                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.193    | 20.23  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.91                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.000    | 42.94  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.05                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.000    | 43.08  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 13.90                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.889    | 13.44  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.91                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.822    | 13.79  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 13.83                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.723    | 14.27  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.05                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.886    | 13.61  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.95                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.825    | 13.82  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 13.92                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.677    | 14.64  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 13.89                 | 0                                               | Ant 1           | QPSK       | 100     | 0         | 0 mm    | left   | 1:1        | 0.824    | 13.76  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |            |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 25 of 51    |

**Table A-42**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b LTE Band 7**

| MEASUREMENT RESULTS                                                                               |       |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode       | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.61                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.607    | 12.81  | 12.32          |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 11.58                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.586    | 12.93  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.687    | 12.32  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.626    | 12.85  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.65                 | 0                                               | Ant 2b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.602    | 12.89  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.006    | 32.91  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.010    | 30.81  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.272    | 16.35  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1        | 0.286    | 16.25  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.023    | 27.07  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | right  | 1:1        | 0.025    | 26.83  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.66                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.011    | 30.28  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.78                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | left   | 1:1        | 0.010    | 30.81  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |            |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 26 of 51    |

**Table A-43**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 7**

| MEASUREMENT RESULTS                                                                               |       |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |
|---------------------------------------------------------------------------------------------------|-------|------|------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|
| FREQUENCY                                                                                         |       |      | Mode       | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit |
| MHz                                                                                               | Ch.   |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.65                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.417    | 17.48  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.84                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.423    | 17.61  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.65                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.762    | 14.86  |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 14.51                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.741    | 14.84  |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 14.57                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.752    | 14.84  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.84                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.728    | 15.25  |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 14.79                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.738    | 15.14  |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 14.76                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.797    | 14.78  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.64                 | 0                                               | Ant 3           | QPSK       | 100     | 0         | 0 mm    | top    | 1:1        | 0.734    | 15.01  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.65                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.001    | 43.68  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.84                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.002    | 40.86  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.65                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.156    | 21.75  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.84                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.158    | 21.88  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.65                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.008    | 34.65  |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 14.84                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.010    | 33.87  |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |            |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 27 of 51    |

**Table A-44**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b LTE Band 7**

| MEASUREMENT RESULTS                                                                               |       |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|------|------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |      | Mode       | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |      |            |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.35                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.663    | 12.17  | 11.53          |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 11.27                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.675    | 12.01  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.34                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1        | 0.657    | 12.20  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.52                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.716    | 12.00  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 11.46                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.672    | 12.22  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1        | 0.671    | 12.16  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.34                 | 0                                               | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.707    | 11.88  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.35                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.688    | 12.01  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 11.27                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.711    | 11.78  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.34                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1        | 0.737    | 11.70  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.52                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.724    | 11.95  |                |
| 2535.00                                                                                           | 21100 | Mid  | LTE Band 7 | 20              | 11.46                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.721    | 11.91  |                |
| 2560.00                                                                                           | 21350 | High | LTE Band 7 | 20              | 11.40                 | 0                                               | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1        | 0.776    | 11.53  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.34                 | 0                                               | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | top    | 1:1        | 0.722    | 11.79  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.35                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1        | 0.000    | 40.38  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.52                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.000    | 40.55  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.35                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1        | 0.008    | 31.35  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.52                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.007    | 32.10  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.35                 | 0                                               | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1        | 0.034    | 25.07  |                |
| 2510.00                                                                                           | 20850 | Low  | LTE Band 7 | 20              | 11.52                 | 0                                               | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.037    | 24.87  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |      |            |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
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**Table A-45**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 41**

| MEASUREMENT RESULTS                                                                               |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 17.15                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.593    | 16.46  | 16.46          |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.34                 | 0                                               | Ant 1           | QPSK       | 1       | 50        | 0 mm    | back   | 1:1.58     | 0.562    | 16.89  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 17.52                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.548    | 17.18  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 17.58                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.529    | 17.39  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.59                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.527    | 17.42  |                |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 17.31                 | 0                                               | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.478    | 17.56  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.54                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.587    | 16.90  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 17.61                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.556    | 17.20  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 17.63                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.543    | 17.33  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.67                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.526    | 17.51  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 17.58                 | 0                                               | Ant 1           | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.536    | 17.33  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.59                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.016    | 32.59  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.67                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.016    | 32.67  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.59                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.235    | 20.92  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.67                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1.58     | 0.223    | 21.23  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.59                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.001    | 44.63  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.67                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | right  | 1:1.58     | 0.000    | 44.71  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.59                 | 0                                               | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.220    | 21.21  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 17.67                 | 0                                               | Ant 1           | QPSK       | 50      | 25        | 0 mm    | left   | 1:1.58     | 0.186    | 22.02  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
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**Table A-46**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b LTE Band 41**

| MEASUREMENT RESULTS                                                                               |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 12.57                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.551    | 12.20  | 11.37          |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 12.59                 | 0                                               | Ant 2b          | QPSK       | 1       | 50        | 0 mm    | back   | 1:1.58     | 0.565    | 12.11  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 12.62                 | 0                                               | Ant 2b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.614    | 11.78  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 12.49                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.609    | 11.69  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.76                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.654    | 11.65  |                |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 12.73                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.576    | 12.17  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 12.71                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.596    | 12.00  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 12.70                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.621    | 11.81  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 12.62                 | 0                                               | Ant 2b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.634    | 11.64  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.665    | 11.57  |                |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 12.74                 | 0                                               | Ant 2b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.580    | 12.15  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.76                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | top    | 1:1.58     | 0.007    | 31.35  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | top    | 1:1.58     | 0.007    | 31.34  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.76                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | bottom | 1:1.58     | 0.197    | 16.86  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | bottom | 1:1.58     | 0.201    | 16.76  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.76                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | right  | 1:1.58     | 0.009    | 30.26  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | right  | 1:1.58     | 0.009    | 30.25  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.76                 | 0                                               | Ant 2b          | QPSK       | 1       | 99        | 0 mm    | left   | 1:1.58     | 0.007    | 31.35  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 12.75                 | 0                                               | Ant 2b          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.007    | 31.34  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
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**Table A-47**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 41**

| MEASUREMENT RESULTS                                                                               |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.95                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.421    | 17.75  | 14.27          |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.05                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.428    | 17.78  |                |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 16.83                 | 0                                               | Ant 3           | QPSK       | 1       | 50        | 0 mm    | top    | 1:1.58     | 0.818    | 14.75  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.95                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.847    | 14.72  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 16.94                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.937    | 14.27  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 16.87                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.877    | 14.49  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 16.68                 | 0                                               | Ant 3           | QPSK       | 1       | 99        | 0 mm    | top    | 1:1.58     | 0.799    | 14.70  |                |
| 2506.00                                                                                           | 39750 | Low      | LTE Band 41 | 20              | 17.00                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.868    | 14.66  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.05                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.876    | 14.67  |                |
| 2593.00                                                                                           | 40620 | Mid      | LTE Band 41 | 20              | 16.94                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.915    | 14.37  |                |
| 2636.50                                                                                           | 41055 | Mid-High | LTE Band 41 | 20              | 17.00                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.898    | 14.51  |                |
| 2680.00                                                                                           | 41490 | High     | LTE Band 41 | 20              | 16.76                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.825    | 14.64  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.88                 | 0                                               | Ant 3           | QPSK       | 100     | 0         | 0 mm    | top    | 1:1.58     | 0.906    | 14.35  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.95                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.011    | 33.58  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.05                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1.58     | 0.010    | 34.10  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.95                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.184    | 21.35  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.05                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1.58     | 0.188    | 21.35  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 16.95                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.005    | 37.01  |                |
| 2549.50                                                                                           | 40185 | Low-Mid  | LTE Band 41 | 20              | 17.05                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1.58     | 0.006    | 36.31  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 31 of 51    |

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**Table A-48**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b LTE Band 41**

| MEASUREMENT RESULTS                      |       |          |             |                 |                       |                      |                 |            |         |           |         |        |            |          |        |                |
|------------------------------------------|-------|----------|-------------|-----------------|-----------------------|----------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]             | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                      | Ch.   | (W/kg)   |             |                 |                       |                      |                 |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 2506.00                                  | 39750 | Low      | LTE Band 41 | 20              | 14.35                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.758    | 12.60  | 11.85          |
| 2549.50                                  | 40185 | Low-Mid  | LTE Band 41 | 20              | 14.28                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.731    | 12.69  |                |
| 2593.00                                  | 40620 | Mid      | LTE Band 41 | 20              | 14.57                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.770    | 12.75  |                |
| 2636.50                                  | 41055 | Mid-High | LTE Band 41 | 20              | 14.52                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.820    | 12.43  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.67                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.874    | 12.30  |                |
| 2506.00                                  | 39750 | Low      | LTE Band 41 | 20              | 14.49                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.788    | 12.57  |                |
| 2549.50                                  | 40185 | Low-Mid  | LTE Band 41 | 20              | 14.40                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.766    | 12.60  |                |
| 2593.00                                  | 40620 | Mid      | LTE Band 41 | 20              | 14.65                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.784    | 12.75  |                |
| 2636.50                                  | 41055 | Mid-High | LTE Band 41 | 20              | 14.60                 | 0                    | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.807    | 12.58  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.77                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.844    | 12.55  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.64                 | 0                    | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.826    | 12.52  |                |
| 2506.00                                  | 39750 | Low      | LTE Band 41 | 20              | 14.35                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.742    | 12.69  |                |
| 2549.50                                  | 40185 | Low-Mid  | LTE Band 41 | 20              | 14.28                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.771    | 12.45  |                |
| 2593.00                                  | 40620 | Mid      | LTE Band 41 | 20              | 14.57                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.860    | 12.27  |                |
| 2636.50                                  | 41055 | Mid-High | LTE Band 41 | 20              | 14.52                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.935    | 11.86  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.67                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.969    | 11.85  |                |
| 2506.00                                  | 39750 | Low      | LTE Band 41 | 20              | 14.49                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.771    | 12.66  |                |
| 2549.50                                  | 40185 | Low-Mid  | LTE Band 41 | 20              | 14.40                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.820    | 12.31  |                |
| 2593.00                                  | 40620 | Mid      | LTE Band 41 | 20              | 14.65                 | 0                    | Ant 4b          | QPSK       | 50      | 25        | 0 mm    | top    | 1:1.58     | 0.895    | 12.18  |                |
| 2636.50                                  | 41055 | Mid-High | LTE Band 41 | 20              | 14.60                 | 0                    | Ant 4b          | QPSK       | 50      | 50        | 0 mm    | top    | 1:1.58     | 0.950    | 11.87  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.77                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.979    | 11.91  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.64                 | 0                    | Ant 4b          | QPSK       | 100     | 0         | 0 mm    | top    | 1:1.58     | 0.961    | 11.86  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.67                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.000    | 41.72  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.77                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1.58     | 0.000    | 41.82  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.67                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.019    | 28.93  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.77                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1.58     | 0.020    | 28.80  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.67                 | 0                    | Ant 4b          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.026    | 27.57  |                |
| 2680.00                                  | 41490 | High     | LTE Band 41 | 20              | 14.77                 | 0                    | Ant 4b          | QPSK       | 50      | 0         | 0 mm    | left   | 1:1.58     | 0.028    | 29.33  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |       |          |             |                 |                       | Body                 |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak                             |       |          |             |                 |                       | 1.6 W/kg (mW/g)      |                 |            |         |           |         |        |            |          |        |                |
| Uncontrolled Exposure/General Population |       |          |             |                 |                       | averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 32 of 51    |

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**Table A-49**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 LTE Band 48**

| MEASUREMENT RESULTS                      |       |          |             |                 |                       |                      |                 |            |         |           |         |        |            |          |        |                |
|------------------------------------------|-------|----------|-------------|-----------------|-----------------------|----------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]             | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                      | Ch.   | (W/kg)   |             |                 |                       |                      |                 |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 13.74                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.605    | 12.97  | 11.16          |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 13.65                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.662    | 12.49  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.81                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.822    | 11.71  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.895    | 11.30  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.587    | 13.13  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 13.80                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.683    | 12.50  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.82                 | 0                    | Ant 1           | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.877    | 11.44  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.923    | 11.16  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.80                 | 0                    | Ant 1           | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.916    | 11.23  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.81                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.000    | 40.86  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.82                 | 0                    | Ant 1           | QPSK       | 50      | 50        | 0 mm    | top    | 1:1.58     | 0.000    | 40.87  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 13.74                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.433    | 14.42  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 13.65                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.477    | 13.91  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.81                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.584    | 13.19  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.638    | 12.77  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1.58     | 0.467    | 14.12  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 13.80                 | 0                    | Ant 1           | QPSK       | 50      | 25        | 0 mm    | bottom | 1:1.58     | 0.499    | 13.86  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.82                 | 0                    | Ant 1           | QPSK       | 50      | 50        | 0 mm    | bottom | 1:1.58     | 0.602    | 13.07  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.77                 | 0                    | Ant 1           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1.58     | 0.642    | 12.74  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 13.80                 | 0                    | Ant 1           | QPSK       | 100     | 0         | 0 mm    | bottom | 1:1.58     | 0.653    | 12.70  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.81                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.000    | 40.86  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.82                 | 0                    | Ant 1           | QPSK       | 50      | 50        | 0 mm    | right  | 1:1.58     | 0.000    | 40.87  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.81                 | 0                    | Ant 1           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.313    | 15.90  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 13.82                 | 0                    | Ant 1           | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.323    | 15.77  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |       |          |             |                 |                       | Body                 |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak                             |       |          |             |                 |                       | 1.6 W/kg (mW/g)      |                 |            |         |           |         |        |            |          |        |                |
| Uncontrolled Exposure/General Population |       |          |             |                 |                       | averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 33 of 51    |

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**Table A-50**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2a LTE Band 48**

| MEASUREMENT RESULTS                                                                               |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.734    | 11.38  | 10.87          |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.85                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.738    | 11.21  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.95                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.753    | 11.23  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.701    | 11.57  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 13.01                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.742    | 11.35  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.732    | 11.39  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.729    | 11.40  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.685    | 11.67  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.729    | 11.40  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.001    | 40.03  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 13.01                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.003    | 35.28  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.192    | 17.20  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 13.01                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1.58     | 0.196    | 17.13  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.765    | 11.20  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.85                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.780    | 10.97  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.95                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.756    | 11.21  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.692    | 11.62  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 13.01                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1.58     | 0.828    | 10.87  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 50      | 25        | 0 mm    | right  | 1:1.58     | 0.791    | 11.05  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 50      | 50        | 0 mm    | right  | 1:1.58     | 0.775    | 11.13  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | right  | 1:1.58     | 0.694    | 11.61  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.98                 | 0                                               | Ant 2a          | QPSK       | 100     | 0         | 0 mm    | right  | 1:1.58     | 0.794    | 11.03  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 2a          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.000    | 40.03  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 13.01                 | 0                                               | Ant 2a          | QPSK       | 50      | 0         | 0 mm    | left   | 1:1.58     | 0.000    | 40.05  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 34 of 51    |

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**Table A-51**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 LTE Band 48**

| MEASUREMENT RESULTS                                                                               |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.   |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.60                 | 0                                               | Ant 3           | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.627    | 11.67  | 10.19          |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.65                 | 0                                               | Ant 3           | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.633    | 11.68  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.78                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.664    | 11.60  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.90                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.772    | 11.07  |                |
| 3560.00                                                                                           | 55340 | Low      | LTE Band 48 | 20              | 12.76                 | 0                                               | Ant 3           | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.687    | 11.44  |                |
| 3603.30                                                                                           | 55773 | Low-Mid  | LTE Band 48 | 20              | 12.74                 | 0                                               | Ant 3           | QPSK       | 50      | 25        | 0 mm    | back   | 1:1.58     | 0.644    | 11.70  |                |
| 3646.70                                                                                           | 56207 | Mid-High | LTE Band 48 | 20              | 12.87                 | 0                                               | Ant 3           | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.698    | 11.48  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | back   | 1:1.58     | 0.798    | 11.01  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.56                 | 0                                               | Ant 3           | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.843    | 10.35  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.90                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.509    | 12.88  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | top    | 1:1.58     | 0.514    | 12.93  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.90                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.001    | 39.95  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1.58     | 0.000    | 40.03  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.90                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.013    | 28.81  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | right  | 1:1.58     | 0.016    | 27.99  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.90                 | 0                                               | Ant 3           | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.004    | 33.92  |                |
| 3690.00                                                                                           | 56640 | High     | LTE Band 48 | 20              | 12.99                 | 0                                               | Ant 3           | QPSK       | 50      | 0         | 0 mm    | left   | 1:1.58     | 0.007    | 31.58  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 35 of 51    |

**Table A-52**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4a LTE Band 48**

| MEASUREMENT RESULTS                      |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
|------------------------------------------|-------|----------|-------------|-----------------|-----------------------|-------------------------------------------------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                |       |          | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB]                                        | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                      | Ch.   | (W/kg)   |             |                 |                       |                                                 |                 |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 11.29                 | 0                                               | Ant 4a          | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.640    | 10.27  | 10.17          |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 11.33                 | 0                                               | Ant 4a          | QPSK       | 1       | 99        | 0 mm    | back   | 1:1.58     | 0.624    | 10.42  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.51                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.610    | 10.70  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 11.27                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | back   | 1:1.58     | 0.587    | 10.63  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 11.44                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.652    | 10.34  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 11.41                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.636    | 10.42  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.53                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.599    | 10.80  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 11.38                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | back   | 1:1.58     | 0.613    | 10.55  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.50                 | 0                                               | Ant 4a          | QPSK       | 100     | 0         | 0 mm    | back   | 1:1.58     | 0.598    | 10.78  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.51                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | top    | 1:1.58     | 0.220    | 15.13  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.53                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | top    | 1:1.58     | 0.209    | 15.37  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.51                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | bottom | 1:1.58     | 0.001    | 38.55  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.53                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | bottom | 1:1.58     | 0.000    | 38.57  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.51                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | right  | 1:1.58     | 0.000    | 38.55  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.53                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | right  | 1:1.58     | 0.000    | 38.57  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 11.29                 | 0                                               | Ant 4a          | QPSK       | 1       | 99        | 0 mm    | left   | 1:1.58     | 0.656    | 10.17  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 11.33                 | 0                                               | Ant 4a          | QPSK       | 1       | 99        | 0 mm    | left   | 1:1.58     | 0.617    | 10.47  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.51                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.610    | 10.70  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 11.27                 | 0                                               | Ant 4a          | QPSK       | 1       | 0         | 0 mm    | left   | 1:1.58     | 0.629    | 10.33  |                |
| 3560.00                                  | 55340 | Low      | LTE Band 48 | 20              | 11.44                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.664    | 10.26  |                |
| 3603.30                                  | 55773 | Low-Mid  | LTE Band 48 | 20              | 11.41                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.608    | 10.62  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.53                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.626    | 10.61  |                |
| 3690.00                                  | 56640 | High     | LTE Band 48 | 20              | 11.38                 | 0                                               | Ant 4a          | QPSK       | 50      | 50        | 0 mm    | left   | 1:1.58     | 0.637    | 10.38  |                |
| 3646.70                                  | 56207 | Mid-High | LTE Band 48 | 20              | 11.50                 | 0                                               | Ant 4a          | QPSK       | 100     | 0         | 0 mm    | left   | 1:1.58     | 0.628    | 10.57  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |       |          |             |                 |                       | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |                 |            |         |           |         |        |            |          |        |                |
| Spatial Peak                             |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |
| Uncontrolled Exposure/General Population |       |          |             |                 |                       |                                                 |                 |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 36 of 51    |

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**Table A-53**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n71**

| MEASUREMENT RESULTS                                                                               |        |     |             |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|-----|-------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |     | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    |     |             |                 |                       |                |                                                 |            |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.72                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.348    | 23.34  | 22.26          |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.436    | 22.26  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.64                 | Ant 1          | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.361    | 23.10  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.72                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.005    | 41.76  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.005    | 41.66  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.72                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.352    | 23.29  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.325    | 23.53  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.72                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.025    | 34.77  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.018    | 36.10  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.72                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.238    | 24.99  |                |
| 680.50                                                                                            | 136100 | Mid | NR Band n71 | 20              | 19.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.215    | 25.33  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |     |             |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

**Table A-54**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n71**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.92          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.703  | 20.48          | 20.48 |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.74          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.625  | 20.81          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.73          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | back       | 1:1      | 0.566  | 21.23          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.90          | Ant 3    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.639  | 20.88          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.92          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.500  | 21.96          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.74          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | top        | 1:1      | 0.496  | 21.82          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.92          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.010  | 38.95          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.74          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | bottom     | 1:1      | 0.010  | 38.77          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.92          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.283  | 24.43          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.74          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | right      | 1:1      | 0.265  | 24.54          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.92          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.035  | 33.51          |       |
| 680.50                                                                                            | 136100 | Mid  | NR Band n71     | 20                    | 19.74          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | left       | 1:1      | 0.031  | 33.86          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 37 of 51    |

**Table A-55**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n12**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.83          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 40      | 0 mm | back       | 1:1      | 0.484  | 21.01          | 20.67 |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.73          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 36        | 22      | 0 mm | back       | 1:1      | 0.481  | 20.94          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.77          | Ant 1    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.516  | 20.67          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.83          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 40      | 0 mm | top        | 1:1      | 0.022  | 34.44          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.73          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 36        | 22      | 0 mm | top        | 1:1      | 0.022  | 34.34          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.83          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 40      | 0 mm | bottom     | 1:1      | 0.384  | 22.02          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.73          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 36        | 22      | 0 mm | bottom     | 1:1      | 0.389  | 21.86          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.83          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 40      | 0 mm | right      | 1:1      | 0.031  | 32.95          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.73          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 36        | 22      | 0 mm | right      | 1:1      | 0.032  | 32.71          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.83          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 40      | 0 mm | left       | 1:1      | 0.328  | 22.70          |       |
| 707.50                                                                                            | 141500 | Mid  | NR Band n12     | 15                    | 18.73          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 36        | 22      | 0 mm | left       | 1:1      | 0.316  | 22.76          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

**Table A-56**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n12**

| MEASUREMENT RESULTS                                                                               |        |        |             |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|--------|-------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |        | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    | (W/kg) |             |                 |                       |                |                                                 |            |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.75                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 40        | 0 mm    | back   | 1:1        | 0.645    | 19.69  | 19.26          |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.65                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 36      | 22        | 0 mm    | back   | 1:1        | 0.695    | 19.26  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.64                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 75      | 0         | 0 mm    | back   | 1:1        | 0.642    | 19.60  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.89                 | Ant 3          | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.623    | 19.98  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.75                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 40        | 0 mm    | top    | 1:1        | 0.478    | 20.99  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.65                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 36      | 22        | 0 mm    | top    | 1:1        | 0.478    | 20.89  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.75                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 40        | 0 mm    | bottom | 1:1        | 0.016    | 35.74  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.65                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 36      | 22        | 0 mm    | bottom | 1:1        | 0.015    | 35.92  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.75                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 40        | 0 mm    | right  | 1:1        | 0.306    | 22.92  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.65                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 36      | 22        | 0 mm    | right  | 1:1        | 0.252    | 23.67  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.75                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 40        | 0 mm    | left   | 1:1        | 0.018    | 35.23  |                |
| 707.50                                                                                            | 141500 | Mid    | NR Band n12 | 15              | 18.65                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 36      | 22        | 0 mm    | left   | 1:1        | 0.019    | 34.89  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |        |             |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                   |                                 |
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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 38 of 51    |

**Table A-57**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n5**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        | Mode |                   | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    |      |                   |                 |                       |                |                                                 |            |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.99                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.676    | 18.72  | 18.20          |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.91                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.691    | 18.55  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.83                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.734    | 18.20  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 18.00                 | Ant 1          | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.695    | 18.61  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.99                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.012    | 36.23  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.91                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.011    | 36.53  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.99                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.488    | 20.14  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.91                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.489    | 20.05  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.99                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.018    | 34.47  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.91                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.019    | 34.15  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.99                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.210    | 23.80  |                |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20              | 17.91                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.233    | 23.27  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

**Table A-58**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n5**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                    |                          |                   |                                                 |            |            |         |           |         |        |            |          |        |                   |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|--------------------|--------------------------|-------------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|-------------------|
| FREQUENCY                                                                                         |        | Mode |                   | Bandwidth<br>[MHz] | Conducted<br>Power [dBm] | Antenna<br>Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum<br>Plimit |
| MHz                                                                                               | Ch.    |      |                   |                    |                          |                   |                                                 |            |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]             |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.06                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.740    | 18.40  | 18.21             |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.00                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.732    | 18.39  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 17.90                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 100     | 0         | 0 mm    | back   | 1:1        | 0.729    | 18.30  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.11                    | Ant 3             | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.781    | 18.21  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.06                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.584    | 19.43  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.00                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.588    | 19.34  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.06                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.013    | 35.95  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.00                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.013    | 35.89  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.06                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.266    | 22.84  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.00                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.266    | 22.78  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.06                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.030    | 32.32  |                   |
| 836.50                                                                                            | 167300 | Mid  | NR Band n5 (Cell) | 20                 | 18.00                    | Ant 3             | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.031    | 32.12  |                   |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                    |                          |                   | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                   |

|                                        |                                                                                                                   |                                 |
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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 39 of 51    |

**Table A-59**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n66**

| MEASUREMENT RESULTS                      |        |      |                   |                       |                |          |                      |            |         |           |         |      |            |          |        |                |       |
|------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|----------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform             | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                      | Ch.    |      |                   |                       |                |          |                      |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.55          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.547  | 16.20          | 15.35 |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.56          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.586  | 15.91          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 14.50          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.654  | 15.38          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.50          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | back       | 1:1      | 0.557  | 16.07          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.51          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.570  | 15.98          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 14.23          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.618  | 15.35          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.50          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | back       | 1:1      | 0.556  | 16.08          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.50          | Ant 1    | 0.0                  | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.570  | 15.97          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.56          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.001  | 43.59          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.51          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | top        | 1:1      | 0.000  | 43.54          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.56          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.444  | 17.12          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.51          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | bottom     | 1:1      | 0.392  | 17.61          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.56          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.003  | 38.82          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.51          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | right      | 1:1      | 0.002  | 40.53          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.56          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.068  | 25.27          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.51          | Ant 1    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | left       | 1:1      | 0.074  | 24.85          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |        |      |                   |                       |                |          | Body                 |            |         |           |         |      |            |          |        |                |       |
| Spatial Peak                             |        |      |                   |                       |                |          | 1.6 W/kg (mW/g)      |            |         |           |         |      |            |          |        |                |       |
| Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                 |
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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
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**Table A-60**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b NR Band n66**

| MEASUREMENT RESULTS                      |        |      |                   |                       |                |          |                      |            |         |           |         |      |            |          |        |                |       |
|------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|----------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform             | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                      | Ch.    |      |                   |                       |                |          |                      |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.12          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | back       | 1:1      | 0.545  | 15.79          | 14.74 |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.09          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | back       | 1:1      | 0.546  | 15.75          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.12          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | top        | 1:1      | 0.001  | 43.15          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.09          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | top        | 1:1      | 0.000  | 43.12          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.10          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.674  | 14.84          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.12          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | bottom     | 1:1      | 0.638  | 15.10          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 14.11          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | bottom     | 1:1      | 0.667  | 14.90          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.02          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | bottom     | 1:1      | 0.663  | 14.84          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.09          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | bottom     | 1:1      | 0.658  | 14.94          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 14.03          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | bottom     | 1:1      | 0.680  | 14.74          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 14.08          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | bottom     | 1:1      | 0.664  | 14.89          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.40          | Ant 2b   | 0.0                  | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.670  | 15.17          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.12          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | right      | 1:1      | 0.032  | 28.10          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.09          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | right      | 1:1      | 0.036  | 27.56          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.12          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | left       | 1:1      | 0.001  | 43.15          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 14.09          | Ant 2b   | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | left       | 1:1      | 0.000  | 43.12          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |        |      |                   |                       |                |          | Body                 |            |         |           |         |      |            |          |        |                |       |
| Spatial Peak                             |        |      |                   |                       |                |          | 1.6 W/kg (mW/g)      |            |         |           |         |      |            |          |        |                |       |
| Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                 |
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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 41 of 51    |

**Table A-61**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n66**

| MEASUREMENT RESULTS                      |        |      |                   |                       |                |          |                      |            |         |           |         |      |            |          |        |                |       |
|------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|----------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform             | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                      | Ch.    |      |                   |                       |                |          |                      |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.27          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | back       | 1:1      | 0.480  | 17.49          | 15.20 |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.19          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.464  | 17.56          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.27          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | top        | 1:1      | 0.143  | 22.75          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.19          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | top        | 1:1      | 0.128  | 23.15          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.27          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | bottom     | 1:1      | 0.024  | 30.50          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.19          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | bottom     | 1:1      | 0.028  | 29.75          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 15.26          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.809  | 15.21          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.27          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | right      | 1:1      | 0.755  | 15.52          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 14.93          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.751  | 15.20          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 15.18          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | right      | 1:1      | 0.771  | 15.34          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.19          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | right      | 1:1      | 0.791  | 15.24          |       |
| 1770.00                                  | 354000 | High | NR Band n66 (AWS) | 20                    | 15.05          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | right      | 1:1      | 0.742  | 15.38          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.15          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | right      | 1:1      | 0.765  | 15.34          |       |
| 1720.00                                  | 344000 | Low  | NR Band n66 (AWS) | 20                    | 15.48          | Ant 3    | 0.0                  | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.778  | 15.60          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.27          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 1         | 104     | 0 mm | left       | 1:1      | 0.004  | 38.28          |       |
| 1745.00                                  | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 15.19          | Ant 3    | 0.0                  | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | left       | 1:1      | 0.002  | 41.21          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT    |        |      |                   |                       |                |          | Body                 |            |         |           |         |      |            |          |        |                |       |
| Spatial Peak                             |        |      |                   |                       |                |          | 1.6 W/kg (mW/g)      |            |         |           |         |      |            |          |        |                |       |
| Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 42 of 51    |

**Table A-62**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b NR Band n66**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                   |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1720.00                                                                                           | 344000 | Low  | NR Band n66 (AWS) | 20                    | 13.33          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.829  | 13.18          | 13.14 |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.34          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.791  | 13.39          |       |
| 1770.00                                                                                           | 354000 | High | NR Band n66 (AWS) | 20                    | 13.24          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.819  | 13.14          |       |
| 1720.00                                                                                           | 344000 | Low  | NR Band n66 (AWS) | 20                    | 13.25          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | back       | 1:1      | 0.815  | 13.17          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.26          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.646  | 14.19          |       |
| 1770.00                                                                                           | 354000 | High | NR Band n66 (AWS) | 20                    | 13.10          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.782  | 13.20          |       |
| 1720.00                                                                                           | 344000 | Low  | NR Band n66 (AWS) | 20                    | 13.22          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | back       | 1:1      | 0.809  | 13.17          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.30          | Ant 4b   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.792  | 13.34          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.34          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.648  | 14.26          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.26          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | top        | 1:1      | 0.628  | 14.31          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.34          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.003  | 37.60          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.26          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | bottom     | 1:1      | 0.005  | 35.30          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.34          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.000  | 42.37          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.26          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | right      | 1:1      | 0.002  | 39.28          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.34          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.048  | 25.56          |       |
| 1745.00                                                                                           | 349000 | Mid  | NR Band n66 (AWS) | 20                    | 13.26          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | left       | 1:1      | 0.048  | 25.48          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 43 of 51    |

**Table A-63**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n25**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                   |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.45          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.638  | 15.43          | 15.07 |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.44          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | back       | 1:1      | 0.692  | 15.07          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 14.44          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 53      | 0 mm | back       | 1:1      | 0.673  | 15.19          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.51          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | back       | 1:1      | 0.617  | 15.64          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.44          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | back       | 1:1      | 0.663  | 15.26          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.61          | Ant 1    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.719  | 15.07          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.45          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.011  | 33.07          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.51          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | top        | 1:1      | 0.008  | 34.51          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.45          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.195  | 20.58          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.51          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | bottom     | 1:1      | 0.195  | 20.64          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.45          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.000  | 43.48          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.51          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | right      | 1:1      | 0.000  | 43.54          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 14.45          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.626  | 15.52          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 14.51          | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | left       | 1:1      | 0.621  | 15.61          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

**Table A-64**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b NR Band n25**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |      | Mode              | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    |      |                   |                 |                       |                |                                                 |            |            |         |           |         |        |            | (W/kg)   | [dBm]  | [dBm]          |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.71                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.576    | 15.14  | 15.05          |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.69                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | back   | 1:1        | 0.549    | 15.33  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.71                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.001    | 42.74  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.69                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | top    | 1:1        | 0.001    | 42.72  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.71                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.588    | 15.05  |                |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20              | 13.70                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 104       | 0 mm    | bottom | 1:1        | 0.507    | 15.68  |                |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20              | 13.67                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.577    | 15.09  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.69                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | bottom | 1:1        | 0.542    | 15.38  |                |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20              | 13.78                 | Ant 2b         | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.507    | 15.76  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.71                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.035    | 27.30  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.69                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | right  | 1:1        | 0.028    | 28.25  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.71                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.005    | 35.75  |                |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20              | 13.69                 | Ant 2b         | 0.0                                             | DFT-S-OFDM | QPSK       | 50      | 0         | 0 mm    | left   | 1:1        | 0.007    | 34.27  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         |                               | APPENDIX A:<br>Page 44 of 51        |
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**Table A-65**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n25**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                   |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.43          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.479  | 17.66          | 16.71 |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 15.23          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.551  | 16.85          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 15.26          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 56      | 0 mm | back       | 1:1      | 0.477  | 17.51          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | back       | 1:1      | 0.511  | 17.28          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 15.38          | Ant 3    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.589  | 16.71          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.43          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.280  | 19.99          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | top        | 1:1      | 0.278  | 19.92          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.43          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.012  | 33.67          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | bottom     | 1:1      | 0.012  | 33.57          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.43          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.404  | 18.40          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | right      | 1:1      | 0.396  | 18.38          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.43          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.000  | 44.46          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 15.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 0       | 0 mm | left       | 1:1      | 0.000  | 44.36          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

**Table A-66**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b NR Band n25**

| MEASUREMENT RESULTS                                                                               |        |      |                   |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-------------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz]   | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                   |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 1860.00                                                                                           | 372000 | Low  | NR Band n25 (PCS) | 20                    | 10.74          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.507  | 12.72          | 12.36 |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.79          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.510  | 12.75          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 10.80          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.558  | 12.36          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.75          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | back       | 1:1      | 0.498  | 12.81          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.73          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 100       | 0       | 0 mm | back       | 1:1      | 0.484  | 12.91          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.77          | Ant 4b   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.486  | 12.93          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 10.80          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.394  | 13.88          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.75          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | top        | 1:1      | 0.336  | 14.52          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 10.80          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | bottom     | 1:1      | 0.000  | 39.83          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.75          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | bottom     | 1:1      | 0.000  | 39.78          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 10.80          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | right      | 1:1      | 0.002  | 36.82          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.75          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | right      | 1:1      | 0.001  | 39.78          |       |
| 1905.00                                                                                           | 381000 | High | NR Band n25 (PCS) | 20                    | 10.80          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 1       | 0 mm | left       | 1:1      | 0.018  | 27.28          |       |
| 1882.50                                                                                           | 376500 | Mid  | NR Band n25 (PCS) | 20                    | 10.75          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 50        | 28      | 0 mm | left       | 1:1      | 0.015  | 28.02          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                   |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                                                    |                               |                                     |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       | <br><b>PCTEST</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                         | APPENDIX A:<br>Page 45 of 51  |                                     |

**Table A-67**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n41**

| MEASUREMENT RESULTS                                                                               |        |        |             |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|--------|-------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |        | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    | (W/kg) |             |                 |                       |                |                                                 |            |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.74                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.375    | 16.03  | 13.03          |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.67                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 0         | 0 mm    | back   | 1:1        | 0.361    | 16.13  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.74                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.013    | 30.63  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.67                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 0         | 0 mm    | top    | 1:1        | 0.011    | 31.29  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.74                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.206    | 18.63  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.67                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 0         | 0 mm    | bottom | 1:1        | 0.201    | 18.67  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.74                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.001    | 41.77  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.67                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 0         | 0 mm    | right  | 1:1        | 0.001    | 41.70  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.74                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.746    | 13.04  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.67                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 0         | 0 mm    | left   | 1:1        | 0.603    | 13.90  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.62                 | Ant 1          | 0.0                                             | DFT-S-OFDM | QPSK       | 270     | 0         | 0 mm    | left   | 1:1        | 0.439    | 15.23  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 12.80                 | Ant 1          | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.758    | 13.03  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |        |             |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

**Table A-68**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2b NR Band n41**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.81          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | back       | 1:1      | 0.659  | 11.65          | 11.60 |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.80          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.664  | 11.61          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.79          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.634  | 11.80          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.53          | Ant 2b   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.626  | 11.60          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.81          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | top        | 1:1      | 0.000  | 39.84          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.80          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.000  | 39.83          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.81          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | bottom     | 1:1      | 0.219  | 16.44          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.80          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.207  | 16.67          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.81          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | right      | 1:1      | 0.009  | 30.30          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.80          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.010  | 29.83          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.81          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | left       | 1:1      | 0.004  | 33.82          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 10.80          | Ant 2b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.004  | 33.81          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                                                  |                               |                                     |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       |  <b>PCTEST®</b><br><small>Proud to be part of element</small> | <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                                                       | APPENDIX A:<br>Page 46 of 51  |                                     |

**Table A-69**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n41**

| MEASUREMENT RESULTS                                                                               |        |        |             |                 |                       |                |                                                 |            |            |         |           |         |        |            |          |        |                |
|---------------------------------------------------------------------------------------------------|--------|--------|-------------|-----------------|-----------------------|----------------|-------------------------------------------------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY                                                                                         |        |        | Mode        | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB]                                        | Waveform   | Modulation | RB Size | RB Offset | Spacing | Side   | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |
| MHz                                                                                               | Ch.    | (W/kg) |             |                 |                       |                |                                                 |            |            |         |           |         |        |            | [dBm]    | [dBm]  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.25                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | back   | 1:1        | 0.416    | 17.09  | 14.21          |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.14                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 138       | 0 mm    | back   | 1:1        | 0.413    | 17.01  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.25                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.739    | 14.59  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.14                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 138       | 0 mm    | top    | 1:1        | 0.788    | 14.21  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.13                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 270     | 0         | 0 mm    | top    | 1:1        | 0.762    | 14.34  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.19                 | Ant 3          | 0.0                                             | CP-OFDM    | QPSK       | 1       | 1         | 0 mm    | top    | 1:1        | 0.766    | 14.38  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.25                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | bottom | 1:1        | 0.006    | 35.50  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.14                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 138       | 0 mm    | bottom | 1:1        | 0.002    | 40.16  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.25                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | right  | 1:1        | 0.169    | 21.00  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.14                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 138       | 0 mm    | right  | 1:1        | 0.177    | 20.69  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.25                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 1       | 1         | 0 mm    | left   | 1:1        | 0.006    | 35.50  |                |
| 2592.99                                                                                           | 518598 | Mid    | NR Band n41 | 100             | 14.14                 | Ant 3          | 0.0                                             | DFT-S-OFDM | QPSK       | 135     | 138       | 0 mm    | left   | 1:1        | 0.002    | 40.16  |                |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |        |             |                 |                       |                | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |            |         |           |         |        |            |          |        |                |

**Table A-70**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4b NR Band n41**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.16          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | back       | 1:1      | 0.710  | 12.68          | 11.85 |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.12          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.741  | 12.45          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 11.99          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.734  | 12.36          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.16          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | top        | 1:1      | 0.818  | 12.06          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.12          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.833  | 11.94          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 11.99          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | top        | 1:1      | 0.827  | 11.85          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 11.92          | Ant 4b   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | top        | 1:1      | 0.792  | 11.96          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.16          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | bottom     | 1:1      | 0.001  | 41.19          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.12          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.001  | 41.15          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.16          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | right      | 1:1      | 0.015  | 29.43          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.12          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.018  | 28.60          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.16          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | left       | 1:1      | 0.032  | 26.14          |       |
| 2592.99                                                                                           | 518598 | Mid  | NR Band n41     | 100                   | 12.12          | Ant 4b   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.027  | 26.84          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

|                                        |                                                                                                                   |                                     |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br><br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 47 of 51        |

**Table A-71**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 1 NR Band n77**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.09           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | back       | 1:1      | 0.485  | 11.26          | 11.26 |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.35           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | back       | 1:1      | 0.463  | 11.73          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.05           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.397  | 12.09          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.43           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.493  | 11.53          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.27           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.403  | 12.25          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.94           | Ant 1    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.374  | 12.24          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.35           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | top        | 1:1      | 0.000  | 38.38          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.43           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.000  | 38.46          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.09           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | bottom     | 1:1      | 0.375  | 12.38          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.35           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | bottom     | 1:1      | 0.368  | 12.72          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.05           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.297  | 13.35          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.43           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.342  | 13.12          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.27           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | bottom     | 1:1      | 0.308  | 13.42          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.35           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | right      | 1:1      | 0.001  | 38.38          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.43           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.003  | 33.69          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.35           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | left       | 1:1      | 0.252  | 14.37          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.43           | Ant 1    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.227  | 14.90          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 48 of 51    |

**Table A-72**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 2a NR Band n77**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.06           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | back       | 1:1      | 0.486  | 11.22          | 10.37 |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.53           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | back       | 1:1      | 0.659  | 10.37          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.12           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.486  | 11.28          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.15           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.546  | 10.81          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.01           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.528  | 10.81          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.53           | Ant 2a   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.507  | 10.51          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.53           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | top        | 1:1      | 0.001  | 38.56          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.15           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.001  | 38.18          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.53           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | bottom     | 1:1      | 0.131  | 17.39          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.15           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.139  | 16.75          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.06           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | right      | 1:1      | 0.435  | 11.71          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.53           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | right      | 1:1      | 0.554  | 11.13          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 9.12           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.446  | 11.66          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.15           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.565  | 10.66          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.01           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | right      | 1:1      | 0.503  | 11.03          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.53           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | left       | 1:1      | 0.000  | 38.56          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.15           | Ant 2a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.000  | 38.18          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 49 of 51    |

**Table A-73**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 3 NR Band n77**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |       |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|-------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |       |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.24          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | back       | 1:1      | 0.707  | 10.78          | 10.34 |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | back       | 1:1      | 0.635  | 11.33          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.14          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.680  | 10.85          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.00          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.708  | 10.53          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.06          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.715  | 10.55          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 9.94           | Ant 3    | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.729  | 10.34          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.24          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | top        | 1:1      | 0.308  | 14.39          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | top        | 1:1      | 0.447  | 12.86          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.14          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.302  | 14.37          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.06          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | top        | 1:1      | 0.292  | 14.44          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | bottom     | 1:1      | 0.000  | 39.36          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.14          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.000  | 39.17          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.24          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | right      | 1:1      | 0.101  | 19.23          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | right      | 1:1      | 0.355  | 13.86          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.14          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.100  | 19.17          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.00          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.324  | 13.93          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.06          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | right      | 1:1      | 0.080  | 20.06          |       |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 10.33          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 271     | 0 mm | left       | 1:1      | 0.006  | 31.58          |       |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 10.14          | Ant 3    | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.011  | 28.76          |       |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |       |

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| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
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**Table A-74**  
**DSI = 1  $P_{Limit}$  Calculations – Ant 4a NR Band n77**

| MEASUREMENT RESULTS                                                                               |        |      |                 |                       |                |          |                                                 |            |         |           |         |      |            |          |        |                |      |
|---------------------------------------------------------------------------------------------------|--------|------|-----------------|-----------------------|----------------|----------|-------------------------------------------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|------|
| FREQUENCY                                                                                         |        | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform                                        | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Minimum Plimit |      |
| MHz                                                                                               | Ch.    |      |                 |                       |                |          |                                                 |            |         |           |         |      |            | (W/kg)   | [dBm]  | [dBm]          |      |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | back       | 1:1      | 0.584  | 10.21          | 9.20 |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.90           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | back       | 1:1      | 0.598  | 10.16          |      |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 8.78           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.609  | 9.96           |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | back       | 1:1      | 0.537  | 10.57          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.74           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | back       | 1:1      | 0.592  | 10.05          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.63           | Ant 4a   | 0.0                                             | CP-OFDM    | QPSK    | 1         | 1       | 0 mm | back       | 1:1      | 0.701  | 9.20           |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.90           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | top        | 1:1      | 0.191  | 15.12          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | top        | 1:1      | 0.151  | 16.08          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.90           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | bottom     | 1:1      | 0.003  | 33.16          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | bottom     | 1:1      | 0.003  | 33.10          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.90           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | right      | 1:1      | 0.000  | 37.93          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | right      | 1:1      | 0.000  | 37.87          |      |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | left       | 1:1      | 0.573  | 10.29          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.90           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 1         | 137     | 0 mm | left       | 1:1      | 0.510  | 10.85          |      |
| 3750.00                                                                                           | 650000 | Low  | NR Band n77     | 100                   | 8.78           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.579  | 10.18          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.84           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 135       | 138     | 0 mm | left       | 1:1      | 0.466  | 11.19          |      |
| 3930.00                                                                                           | 662000 | High | NR Band n77     | 100                   | 8.74           | Ant 4a   | 0.0                                             | DFT-S-OFDM | QPSK    | 270       | 0       | 0 mm | left       | 1:1      | 0.485  | 10.91          |      |
| ANSI / IEEE C95.1 1992 - SAFETY LIMIT<br>Spatial Peak<br>Uncontrolled Exposure/General Population |        |      |                 |                       |                |          | Body<br>1.6 W/kg (mW/g)<br>averaged over 1 gram |            |         |           |         |      |            |          |        |                |      |

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|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: BCGA2301                       |  <b>PART 0 SAR CHAR REPORT</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/06/2021 – 03/15/2021 | DUT Type:<br>Tablet Device                                                                                        | APPENDIX A:<br>Page 51 of 51    |