

## APPENDIX F: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | APPENDIX F:<br>Page 1 of 69              |

## F.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D04v01 are applicable to devices with built-in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

## F.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D04v01 4.3.2 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific physical test configuration is  $\leq 1.6$  W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

### Note:

This device is enabled with the manufacturer's time-averaged method of Tx power control for cellular and connectivity radios (WiFi, Bluetooth, NB U-NII and 802.15.4). Co-located connectivity cellular and connectivity antennas with significant overlap of RF exposure hotspots are grouped into a single cluster. There are two predefined cellular antenna clusters (AC): AC1 (Ant 3a, Ant 3b, and Ant 4), AC2 (Ant 1a, Ant 1b, Ant 2a, and Ant 2b). Also, there are three pre-defined connectivity antenna clusters: AC1 (Ant 3a), AC2 (Ant 3c), and AC3 (Ant 1a and Ant 1b).

This device also supports a dynamic budget sharing algorithm. It enables separate budget caps for the power state 1 and power state 2 use conditions. In power state 1 operation, the cellular radio is active; in cellular simultaneous operation, other radios (i.e. connectivity antennas) are operational concurrently. Additionally, connectivity radios have two different budget conditions depending on the cellular budget caps. When the cellular budget is 1.0 W/kg, the connectivity budget is 0.6 W/kg. However, when the cellular budget is 1.2 W/kg, the connectivity budget is 0.4 W/kg. Both cellular and connectivity antenna budgets were evaluated for simultaneous scenarios compliance.

SAR Summations for some scenarios when the output power levels are reduced, SAR values at the maximum output power level was used as the most conservative evaluation for simultaneous transmission analysis.

When operating in the same antenna cluster, the compliance under dynamic transmission conditions, including all supported simultaneous transmission scenarios, should be assessed and demonstrated in the Time-Averaged SAR Validation FCC Licensed TAS and the FCC TAS Connectivity Validation Report during algorithm validation. This applies to multiple antennas in the same antenna cluster or different modes transmitting simultaneously in the same antenna cluster. For the evaluation of simultaneous transmission analysis in this report, the highest SAR value across all modes in the same antenna cluster was considered for summation and most conservative to determine simultaneous SAR test exclusions.

For each position, the highest SAR value across all modes for the applicable cellular band antenna was considered for summation to determine simultaneous SAR test exclusion.

\*The SAR distributions for at least one of the antennas are spatially separated from the other antennas per FCC KDB Publication 248227 Section 6.1 procedures. Therefore, simultaneous transmission was treated independently for this configuration. See below for more information about the Spatial Separation Analysis.

\*\* When required, each transmitter is tested for simultaneous transmission in the configuration, channel, and operating mode that resulted in the highest SAR during the stand-alone evaluation. Per November 2019 TCB Workshop Notes, enlarged volumetric scans on co-located antenna pair were performed for all the modes/band for Antenna 2b and 1b to determine the aggregate distributions from the simultaneous transmission (volumetric) SAR evaluation. In summation, spatial separation analysis may still apply.

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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 2 of 69       |

### F.3 Exposure Ratios

Exposure ratio (ER) for different transmitters is calculated as following:

$$ER_{SAR,n} = \frac{SAR_n}{SAR_{limit,n}}, 10 \text{ MHz} < f_u \leq 6 \text{ GHz}$$

$$ER_{APD,n} = \frac{APD_v}{APD_{limit,v}}, 6 \text{ GHz} < f_t \leq 10 \text{ GHz}$$

Where:

- $SAR_n$  is the SAR value for the  $n$ -th transmitter/test frequency
- $SAR_{limit,n}$  is the basic restriction limit that is applicable to the  $n$ -th transmitter/test frequency
- $APD_v$  is the APD value for the  $v$ -th transmitter/test frequency
- $APD_{limit,v}$  is the basic restriction limit that is applicable to the  $v$ -th transmitter/test frequency

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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 3 of 69       |

## F.4 Body SAR Simultaneous Transmission Analysis

Table F-1

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------------------------|----------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                      | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.691                | 0.213                                  | 0.177                | 0.000  | 0.694*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.161                | 0.000                                  | 0.746                | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.000                | 0.113                                  | 0.008                | 0.000  | 0.403       | 0.889       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.147                | 0.000                                  | 0.000                | 0.000  | 0.622       | 0.634       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.013                | 0.250                                  | 0.010                | 0.000  | 0.996*      | 0.318       |

Table F-2

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|-----------------------------------------|----------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                       | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.691                | 0.314                                   | 0.177                | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.161                | 0.000                                   | 0.746                | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.000                | 0.169                                   | 0.008                | 0.000  | 0.431       | 0.825       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.147                | 0.000                                   | 0.000                | 0.000  | 0.621       | 0.633       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.013                | 0.369                                   | 0.010                | 0.000  | 0.994*      | 0.431       |

Table F-3

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                      | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.691                | 0.610                  | 0.177                | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.161                | 0.000                  | 0.746                | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.000                | 0.309                  | 0.008                | 0.000  | 0.706       | 0.777*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.147                | 0.000                  | 0.000                | 0.000  | 0.744*      | 0.676       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.013                | 0.743                  | 0.010                | 0.000  | 0.769       | 0.782       |

Table F-4

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|------------------------|--------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                      | 6                                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                                | 0.610                  | 0.050                                | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.063                                | 0.000                  | 0.250                                | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.309                  | 0.000                                | 0.000  | 0.372       | 0.362       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.056                                | 0.000                  | 0.000                                | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.013                                | 0.743                  | 0.000                                | 0.000  | 0.765       | 0.785       |

Table F-5

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|------------------------|---------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                      | 6                                     | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.371                                 | 0.610                  | 0.075                                 | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.096                                 | 0.000                  | 0.371                                 | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.309                  | 0.000                                 | 0.000  | 0.367       | 0.358       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.079                                 | 0.000                  | 0.000                                 | 0.000  | 0.964       | 0.413       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.013                                 | 0.743                  | 0.000                                 | 0.000  | 0.765       | 0.782       |

Table F-6

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|------------------------|--------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                      | 5                                    | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.691                | 0.610                  | 0.050                                | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.161                | 0.000                  | 0.250                                | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                | 0.309                  | 0.000                                | 0.000  | 0.425       |
|           | Right         | 0.079                  | 0.618                  | 0.147                | 0.000                  | 0.000                                | 0.000  | 0.697       |
|           | Left          | 0.726                  | 0.000                  | 0.013                | 0.743                  | 0.000                                | 0.000  | 0.743*      |

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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 4 of 69       |

Table F-7

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 2.4 GHz WIFI Ant<br>3a ER | 5 GHz WIFI Ant 3a<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 5 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------------|---------------------------|-------------------------|---------------------------|---------------------------------------------|--------|-------------|
|           |               | 1                                             | 2                         | 3                       | 4                         | 5                                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                         | 0.694                     | 0.691                   | 0.610                     | 0.075                                       | 0.000  | 0.694*      |
|           | Top           | 0.625                                         | 0.258                     | 0.161                   | 0.000                     | 0.371                                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                         | 0.023                     | 0.000                   | 0.309                     | 0.000                                       | 0.000  | 0.416       |
|           | Right         | 0.072                                         | 0.618                     | 0.147                   | 0.000                     | 0.000                                       | 0.000  | 0.690       |
|           | Left          | 0.619                                         | 0.000                     | 0.013                   | 0.743                     | 0.000                                       | 0.000  | 0.743*      |

Table F-8

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz WIFI Ant<br>3a ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz WIFI Ant<br>1a Reduced to 0.25<br>ER | 6 GHz WIFI Ant 3c<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|----------------------------------------------|-------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                                            | 6                       | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.694                     | 0.295                   | 0.213                                        | 0.024                   | 0.000  | 0.694*      | 0.946*      |
|           | Top           | 0.012                      | 0.010                      | 0.258                     | 0.102                   | 0.000                                        | 0.210                   | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                      | 0.745                      | 0.023                     | 0.001                   | 0.113                                        | 0.000                   | 0.000  | 0.395       | 0.881       |
|           | Right         | 0.004                      | 0.016                      | 0.618                     | 0.072                   | 0.000                                        | 0.000                   | 0.000  | 0.622       | 0.634       |
|           | Left          | 0.746                      | 0.045                      | 0.000                     | 0.003                   | 0.250                                        | 0.000                   | 0.000  | 0.996*      | 0.298       |

Table F-9

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 2.4 GHz WIFI Ant<br>3a ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz WIFI Ant<br>1a Reduced to<br>0.375 ER | 6 GHz WIFI Ant 3c<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|---------------------------|-------------------------|-----------------------------------------------|-------------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                         | 4                       | 5                                             | 6                       | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.694                     | 0.295                   | 0.314                                         | 0.024                   | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.258                     | 0.102                   | 0.000                                         | 0.210                   | 0.000  | 0.479       | 0.477       |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.023                     | 0.001                   | 0.169                                         | 0.000                   | 0.000  | 0.423       | 0.817       |
|           | Right         | 0.003                                          | 0.015                                          | 0.618                     | 0.072                   | 0.000                                         | 0.000                   | 0.000  | 0.621       | 0.633       |
|           | Left          | 0.625                                          | 0.039                                          | 0.000                     | 0.003                   | 0.369                                         | 0.000                   | 0.000  | 0.994*      | 0.411       |

Table F-10

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>3a ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 6 GHz WIFI Ant 3c<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                         | 6                       | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.694                     | 0.295                   | 0.610                     | 0.024                   | 0.000  | 0.694*      | 0.939*      |
|           | Top           | 0.023                      | 0.014                      | 0.258                     | 0.102                   | 0.000                     | 0.210                   | 0.000  | 0.491       | 0.482       |
|           | Bottom        | 0.366                      | 0.746                      | 0.023                     | 0.001                   | 0.309                     | 0.000                   | 0.000  | 0.698       | 0.769*      |
|           | Right         | 0.744                      | 0.058                      | 0.618                     | 0.072                   | 0.000                     | 0.000                   | 0.000  | 0.744*      | 0.676       |
|           | Left          | 0.003                      | 0.016                      | 0.000                     | 0.003                   | 0.743                     | 0.000                   | 0.000  | 0.749       | 0.762       |

Table F-11

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 2.4 GHz WIFI Ant<br>3a Reduced to 0.25<br>ER | 6 GHz WIFI Ant 3a<br>Reduced to 0.25<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.25<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|----------------------------------------------|--------------------------------------------|---------------------------|--------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                            | 4                                          | 5                         | 6                                          | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.250                                        | 0.250                                      | 0.610                     | 0.024                                      | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                      | 0.746                      | 0.094                                        | 0.088                                      | 0.000                     | 0.210                                      | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.023                                        | 0.000                                      | 0.309                     | 0.000                                      | 0.000  | 0.372       | 0.362       |
|           | Right         | 0.725                      | 0.086                      | 0.231                                        | 0.063                                      | 0.000                     | 0.000                                      | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                      | 0.029                      | 0.000                                        | 0.003                                      | 0.743                     | 0.000                                      | 0.000  | 0.755       | 0.775       |

Table F-12

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>3a Reduced to<br>0.625 ER | Cellular Band Ant<br>3b Reduced to<br>0.625 ER | 2.4 GHz WIFI Ant<br>3a Reduced to<br>0.375 ER | 6 GHz WIFI Ant 3a<br>Reduced to 0.375<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|---------------------------------------------|---------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                                             | 4                                           | 5                         | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                          | 0.625                                          | 0.371                                         | 0.295                                       | 0.610                     | 0.024                                       | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                          | 0.625                                          | 0.139                                         | 0.102                                       | 0.000                     | 0.210                                       | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                          | 0.026                                          | 0.023                                         | 0.001                                       | 0.309                     | 0.000                                       | 0.000  | 0.367       | 0.358       |
|           | Right         | 0.625                                          | 0.074                                          | 0.339                                         | 0.072                                       | 0.000                     | 0.000                                       | 0.000  | 0.964       | 0.413       |
|           | Left          | 0.009                                          | 0.026                                          | 0.000                                         | 0.003                                       | 0.743                     | 0.000                                       | 0.000  | 0.755       | 0.772       |

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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 5 of 69       |

Table F-13

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|------------------------|----------------------|------------------------|--------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                      | 5                                    | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.295                | 0.610                  | 0.024                                | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.102                | 0.000                  | 0.210                                | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.001                | 0.309                  | 0.000                                | 0.000  | 0.425       |
|           | Right         | 0.079                  | 0.618                  | 0.072                | 0.000                  | 0.000                                | 0.000  | 0.697       |
|           | Left          | 0.726                  | 0.000                  | 0.003                | 0.743                  | 0.000                                | 0.000  | 0.743*      |

Table F-14

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------|------------------------|----------------------|------------------------|---------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                    | 4                      | 5                                     | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.295                | 0.610                  | 0.024                                 | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.102                | 0.000                  | 0.210                                 | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.001                | 0.309                  | 0.000                                 | 0.000  | 0.416       |
|           | Right         | 0.072                                   | 0.618                  | 0.072                | 0.000                  | 0.000                                 | 0.000  | 0.690       |
|           | Left          | 0.619                                   | 0.000                  | 0.003                | 0.743                  | 0.000                                 | 0.000  | 0.743*      |

Table F-15

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz WIFI Ant<br>3a ER | 2.4 GHz WIFI Ant<br>1a Reduced to 0.25<br>ER | 5 GHz WIFI Ant 1b<br>Reduced to 0.25<br>ER | 5 GHz WIFI Ant 3c<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|----------------------------------------------|--------------------------------------------|-------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                                            | 5                                          | 6                       | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.694                     | 0.213                                        | 0.231                                      | 0.177                   | 0.000  | 0.694*      | 0.964*      |
|           | Top           | 0.012                      | 0.010                      | 0.258                     | 0.000                                        | 0.000                                      | 0.746                   | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.259                      | 0.745                      | 0.023                     | 0.113                                        | 0.250                                      | 0.008                   | 0.000  | 0.540       | 0.995*      |
|           | Right         | 0.004                      | 0.016                      | 0.618                     | 0.000                                        | 0.023                                      | 0.000                   | 0.000  | 0.645       | 0.657       |
|           | Left          | 0.746                      | 0.045                      | 0.000                     | 0.250                                        | 0.065                                      | 0.010                   | 0.000  | 0.996*      | 0.305       |

Table F-16

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 5 GHz WIFI Ant 1b Reduced to 0.375 ER | 5 GHz WIFI Ant 3c ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|-----------------------------------------|---------------------------------------|----------------------|--------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                       | 5                                     | 6                    | 7      | 1+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.314                                   | 0.344                                 | 0.177                | 0.000  | 0.738*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.000                                   | 0.000                                 | 0.746                | 0.000  | 0.746*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.169                                   | 0.371                                 | 0.008                | 0.000  | 0.633       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                                   | 0.023                                 | 0.000                | 0.000  | 0.644       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.369                                   | 0.065                                 | 0.010                | 0.000  | 0.994*      |

Table F-17

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|------------------------|----------------------|----------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                      | 5                    | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.610                  | 0.602                | 0.177                | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.000                  | 0.000                | 0.746                | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.309                  | 0.744                | 0.008                | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                  | 0.023                | 0.000                | 0.000  | 0.767*      | 0.699       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.743                  | 0.108                | 0.010                | 0.000  | 0.756       | 0.769       |

Table F-18

**Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | NR Band n41 Ant 2b + 5 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c ER | WPT ER | Σ ER      |             |
|-----------|---------------|-------------------------------------------|-------------------------|------------------------|------------------------|----------------------|----------------------|--------|-----------|-------------|
|           |               | 1                                         | 2                       | 3                      | 4                      | 5                    | 6                    | 7      | 1+3+4+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                   | 0.746                   | 0.023                  | 0.309                  | 0.744                | 0.008                | 0.000  | 0.844**   | 0.777*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 6 of 69       |

Table F-19

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------|----------------------|--------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                      | 5                    | 6                                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.610                  | 0.602                | 0.050                                | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.000                  | 0.000                | 0.250                                | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.309                  | 0.744                | 0.000                                | 0.000  | 0.807       | 0.797       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                  | 0.023                | 0.000                                | 0.000  | 0.979       | 0.340       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.743                  | 0.108                | 0.000                                | 0.000  | 0.752       | 0.772       |

Table F-20

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 5 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                      | 5                    | 6                                     | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.610                  | 0.602                | 0.075                                 | 0.000  | 0.998*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.000                  | 0.000                | 0.371                                 | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.309                  | 0.744                | 0.000                                 | 0.000  | 0.802       | 0.793       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                  | 0.023                | 0.000                                 | 0.000  | 0.987       | 0.436       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.743                  | 0.108                | 0.000                                 | 0.000  | 0.752       | 0.769       |

Table F-21

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|------------------------|----------------------|--------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                      | 4                    | 5                                    | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.610                  | 0.602                | 0.050                                | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.000                  | 0.000                | 0.250                                | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.309                  | 0.744                | 0.000                                | 0.000  | 0.860       |
|           | Right         | 0.079                  | 0.618                  | 0.000                  | 0.023                | 0.000                                | 0.000  | 0.720       |
|           | Left          | 0.726                  | 0.000                  | 0.743                  | 0.108                | 0.000                                | 0.000  | 0.743*      |

Table F-22

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 5 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|------------------------|----------------------|---------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                      | 4                    | 5                                     | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.610                  | 0.602                | 0.075                                 | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.000                  | 0.000                | 0.371                                 | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.309                  | 0.744                | 0.000                                 | 0.000  | 0.851       |
|           | Right         | 0.072                                   | 0.618                  | 0.000                  | 0.023                | 0.000                                 | 0.000  | 0.713       |
|           | Left          | 0.619                                   | 0.000                  | 0.743                  | 0.108                | 0.000                                 | 0.000  | 0.743*      |

Table F-23

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 6 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------------------------|--------------------------------------|----------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                      | 5                                    | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.213                                  | 0.144                                | 0.024                | 0.000  | 0.694*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.000                                  | 0.000                                | 0.210                | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.113                                  | 0.250                                | 0.000                | 0.000  | 0.532       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.000                                  | 0.000                                | 0.000                | 0.000  | 0.622       | 0.634       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.250                                  | 0.000                                | 0.000                | 0.000  | 0.996*      | 0.295       |

Table F-24

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 6 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|-----------------------------------------|---------------------------------------|----------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                       | 5                                     | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.314                                   | 0.197                                 | 0.024                | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.000                                   | 0.000                                 | 0.210                | 0.000  | 0.479       | 0.477       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.169                                   | 0.343                                 | 0.000                | 0.000  | 0.597       | 0.991       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                                   | 0.000                                 | 0.000                | 0.000  | 0.621       | 0.633       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.369                                   | 0.000                                 | 0.000                | 0.000  | 0.994       | 0.408       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 7 of 69       |

Table F-25

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|------------------------|----------------------|----------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                      | 5                    | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.610                  | 0.197                | 0.024                | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.000                  | 0.000                | 0.210                | 0.000  | 0.491       | 0.482       |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.309                  | 0.343                | 0.000                | 0.000  | 0.732       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                  | 0.000                | 0.000                | 0.000  | 0.744*      | 0.676       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.743                  | 0.000                | 0.000                | 0.000  | 0.746       | 0.759       |

Table F-26

**Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|------------------------|------------------------|----------------------|----------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                      | 4                      | 5                    | 6                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.023                  | 0.309                  | 0.343                | 0.000                | 0.000  | 0.792**     | 0.769*      |

Table F-27

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------|----------------------|--------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                      | 5                    | 6                                    | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.610                  | 0.197                | 0.024                                | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.000                  | 0.000                | 0.210                                | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.309                  | 0.343                | 0.000                                | 0.000  | 0.406       | 0.396       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                  | 0.000                | 0.000                                | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.743                  | 0.000                | 0.000                                | 0.000  | 0.752       | 0.772       |

Table F-28

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and 6 GHz WIFI MIMO**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                      | 5                    | 6                                     | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.610                  | 0.197                | 0.024                                 | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.000                  | 0.000                | 0.210                                 | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.309                  | 0.343                | 0.000                                 | 0.000  | 0.401       | 0.392       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                  | 0.000                | 0.000                                 | 0.000  | 0.964       | 0.413       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.743                  | 0.000                | 0.000                                 | 0.000  | 0.752       | 0.769       |

Table F-29

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|------------------------|----------------------|--------------------------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                      | 4                    | 5                                    | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.610                  | 0.197                | 0.024                                | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.258                  | 0.000                  | 0.000                | 0.210                                | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.023                  | 0.309                  | 0.343                | 0.000                                | 0.000  | 0.459       |  |
|           | Right         | 0.079                  | 0.618                  | 0.000                  | 0.000                | 0.000                                | 0.000  | 0.697       |  |
|           | Left          | 0.726                  | 0.000                  | 0.743                  | 0.000                | 0.000                                | 0.000  | 0.743*      |  |

Table F-30

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, 6 GHz WIFI MIMO and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------|------------------------|------------------------|----------------------|---------------------------------------|--------|-------------|--|
|           |               | 1                                       | 2                      | 3                      | 4                    | 5                                     | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.610                  | 0.197                | 0.024                                 | 0.000  | 0.694*      |  |
|           | Top           | 0.625                                   | 0.258                  | 0.000                  | 0.000                | 0.210                                 | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                   | 0.023                  | 0.309                  | 0.343                | 0.000                                 | 0.000  | 0.450       |  |
|           | Right         | 0.072                                   | 0.618                  | 0.000                  | 0.000                | 0.000                                 | 0.000  | 0.690       |  |
|           | Left          | 0.619                                   | 0.000                  | 0.743                  | 0.000                | 0.000                                 | 0.000  | 0.743*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 8 of 69       |

Table F-31

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|-----------------------------|--------------------|---------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                           | 4                  | 5                                           | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.726                       | 0.426              | 0.175                                       | 0.158              | 0.000  | 0.726*      | 0.908*      |
|           | Top           | 0.012                   | 0.010                   | 0.187                       | 0.102              | 0.000                                       | 0.744              | 0.000  | 0.943       | 0.941       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                       | 0.002              | 0.088                                       | 0.002              | 0.000  | 0.372       | 0.858       |
|           | Right         | 0.004                   | 0.016                   | 0.689                       | 0.151              | 0.002                                       | 0.000              | 0.000  | 0.695       | 0.707       |
|           | Left          | 0.746                   | 0.045                   | 0.003                       | 0.000              | 0.250                                       | 0.000              | 0.000  | 0.996*      | 0.298       |

Table F-32

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------|--------------------|----------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                           | 4                  | 5                                            | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.726                       | 0.426              | 0.249                                        | 0.158              | 0.000  | 0.726*      | 0.874*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.187                       | 0.102              | 0.000                                        | 0.744              | 0.000  | 0.942       | 0.940       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                       | 0.002              | 0.126                                        | 0.002              | 0.000  | 0.382       | 0.776       |
|           | Right         | 0.003                                    | 0.015                                    | 0.689                       | 0.151              | 0.002                                        | 0.000              | 0.000  | 0.694       | 0.706       |
|           | Left          | 0.625                                    | 0.039                                    | 0.003                       | 0.000              | 0.354                                        | 0.000              | 0.000  | 0.982       | 0.396       |

Table F-33

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|-----------------------------|--------------------|-----------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                           | 4                  | 5                           | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.726                       | 0.426              | 0.589                       | 0.158              | 0.000  | 0.726*      | 0.995*      |
|           | Top           | 0.023                   | 0.014                   | 0.187                       | 0.102              | 0.000                       | 0.744              | 0.000  | 0.954       | 0.945       |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                       | 0.002              | 0.275                       | 0.002              | 0.000  | 0.666       | 0.771*      |
|           | Right         | 0.744                   | 0.058                   | 0.689                       | 0.151              | 0.002                       | 0.000              | 0.000  | 0.746*      | 0.749       |
|           | Left          | 0.003                   | 0.016                   | 0.003                       | 0.000              | 0.664                       | 0.000              | 0.000  | 0.670       | 0.683       |

Table F-34

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|---------------------------------------------|------------------------------------|-----------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                           | 4                                  | 5                           | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                       | 0.250                              | 0.589                       | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.081                                       | 0.069                              | 0.000                       | 0.250                              | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                       | 0.002                              | 0.275                       | 0.002                              | 0.000  | 0.340       | 0.330       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                       | 0.088                              | 0.002                       | 0.000                              | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                   | 0.029                   | 0.003                                       | 0.000                              | 0.664                       | 0.000                              | 0.000  | 0.676       | 0.696       |

Table F-35

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|----------------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                            | 4                                   | 5                           | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.344                                        | 0.363                               | 0.589                       | 0.050                               | 0.000  | 0.988*      | 0.988*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.114                                        | 0.102                               | 0.000                       | 0.371                               | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                        | 0.002                               | 0.275                       | 0.002                               | 0.000  | 0.335       | 0.326       |
|           | Right         | 0.625                                    | 0.074                                    | 0.317                                        | 0.126                               | 0.002                       | 0.000                               | 0.000  | 0.944       | 0.393       |
|           | Left          | 0.009                                    | 0.026                                    | 0.003                                        | 0.000                               | 0.664                       | 0.000                               | 0.000  | 0.676       | 0.693       |

Table F-36

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|-----------------------------|--------------------|-----------------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                           | 3                  | 4                           | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.726                       | 0.426              | 0.589                       | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.187                       | 0.102              | 0.000                       | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                       | 0.002              | 0.275                       | 0.002                              | 0.000  | 0.393       |
|           | Right         | 0.079                  | 0.689                       | 0.151              | 0.002                       | 0.000                              | 0.000  | 0.770       |
|           | Left          | 0.726                  | 0.003                       | 0.000              | 0.664                       | 0.000                              | 0.000  | 0.729*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 9 of 69       |

Table F-37

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 3c<br>Reduced to 0.375<br>ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------------|--------------------------------|--------------------|--------------------------------|-------------------------------------------|--------|-------------|--|
|           |               | 1                                             | 2                              | 3                  | 4                              | 5                                         | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                         | 0.726                          | 0.426              | 0.589                          | 0.050                                     | 0.000  | 0.726*      |  |
|           | Top           | 0.625                                         | 0.187                          | 0.102              | 0.000                          | 0.371                                     | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                         | 0.023                          | 0.002              | 0.275                          | 0.002                                     | 0.000  | 0.384       |  |
|           | Right         | 0.072                                         | 0.689                          | 0.151              | 0.002                          | 0.000                                     | 0.000  | 0.763       |  |
|           | Left          | 0.619                                         | 0.003                          | 0.000              | 0.664                          | 0.000                                     | 0.000  | 0.664*      |  |

Table F-38

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.25 ER | NB U-NII Ant 1b<br>Reduced to 0.25<br>ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|--------------------------------|---------------------------------------------------|------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                              | 4                                                 | 5                                        | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.726                          | 0.175                                             | 0.206                                    | 0.158              | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.012                      | 0.010                      | 0.187                          | 0.000                                             | 0.000                                    | 0.744              | 0.000  | 0.943       | 0.941       |
|           | Bottom        | 0.259                      | 0.745                      | 0.023                          | 0.088                                             | 0.250                                    | 0.002              | 0.000  | 0.534       | 0.995*      |
|           | Right         | 0.004                      | 0.016                      | 0.689                          | 0.002                                             | 0.018                                    | 0.000              | 0.000  | 0.711       | 0.723       |
|           | Left          | 0.746                      | 0.045                      | 0.003                          | 0.250                                             | 0.044                                    | 0.000              | 0.000  | 0.996*      | 0.298       |

Table F-39

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.375 ER | NB U-NII Ant 1b<br>Reduced to 0.375<br>ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|--------------------------------|----------------------------------------------------|-------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                              | 4                                                  | 5                                         | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.726                          | 0.249                                              | 0.308                                     | 0.158              | 0.000  | 0.726*      | 0.933*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.187                          | 0.000                                              | 0.000                                     | 0.744              | 0.000  | 0.942       | 0.940       |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.023                          | 0.126                                              | 0.371                                     | 0.002              | 0.000  | 0.627       | 0.996*      |
|           | Right         | 0.003                                          | 0.015                                          | 0.689                          | 0.002                                              | 0.018                                     | 0.000              | 0.000  | 0.710       | 0.722       |
|           | Left          | 0.625                                          | 0.039                                          | 0.003                          | 0.354                                              | 0.064                                     | 0.000              | 0.000  | 0.982       | 0.396       |

Table F-40

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|--------------------------------|--------------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                              | 4                              | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.726                          | 0.589                          | 0.356              | 0.158              | 0.000  | 0.726*      | 0.933*      |
|           | Top           | 0.023                      | 0.014                      | 0.187                          | 0.000                          | 0.000              | 0.744              | 0.000  | 0.954       | 0.945       |
|           | Bottom        | 0.366                      | 0.746                      | 0.023                          | 0.275                          | 0.625              | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                      | 0.058                      | 0.689                          | 0.002                          | 0.018              | 0.000              | 0.000  | 0.762*      | 0.765       |
|           | Left          | 0.003                      | 0.016                      | 0.003                          | 0.664                          | 0.092              | 0.000              | 0.000  | 0.670       | 0.683       |

Table F-41

**Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | LTE Band 7 Ant 2b<br>+ NB-U-NII Ant 1b<br>ER | Cellular Band Ant<br>2b ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------------|----------------------------|--------------------------------|--------------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                            | 2                          | 3                              | 4                              | 5                  | 6                  | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                      | 0.746                      | 0.023                          | 0.275                          | 0.625              | 0.002              | 0.000  | 0.819**     | 0.771*      |

Table F-42

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 2.4 GHz Bluetooth<br>Ant 3a Reduced to<br>0.25 ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c<br>Reduced to 0.25<br>ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------------------------------|--------------------------------|--------------------|------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                                 | 4                              | 5                  | 6                                        | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.250                                             | 0.589                          | 0.356              | 0.031                                    | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                      | 0.746                      | 0.081                                             | 0.000                          | 0.000              | 0.250                                    | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.023                                             | 0.275                          | 0.625              | 0.002                                    | 0.000  | 0.690       | 0.680       |
|           | Right         | 0.725                      | 0.086                      | 0.231                                             | 0.002                          | 0.018              | 0.000                                    | 0.000  | 0.974       | 0.335       |
|           | Left          | 0.009                      | 0.029                      | 0.003                                             | 0.664                          | 0.092              | 0.000                                    | 0.000  | 0.676       | 0.696       |

|                            |                    |                              |
|----------------------------|--------------------|------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:                 |
|                            |                    | Technical Manager            |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 10 of 69 |

Table F-43

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|--------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                            | 4                           | 5                  | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.344                                        | 0.589                       | 0.356              | 0.050                               | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.114                                        | 0.000                       | 0.000              | 0.371                               | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                        | 0.275                       | 0.625              | 0.002                               | 0.000  | 0.685       | 0.676       |
|           | Right         | 0.625                                    | 0.074                                    | 0.317                                        | 0.002                       | 0.018              | 0.000                               | 0.000  | 0.960       | 0.409       |
|           | Left          | 0.009                                    | 0.026                                    | 0.003                                        | 0.664                       | 0.092              | 0.000                               | 0.000  | 0.676       | 0.693       |

Table F-44

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|-----------------------------|-----------------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                      | 2                           | 3                           | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.726                       | 0.589                       | 0.356              | 0.050                               | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.187                       | 0.000                       | 0.000              | 0.371                               | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                       | 0.275                       | 0.625              | 0.002                               | 0.000  | 0.743       |
|           | Right         | 0.079                  | 0.689                       | 0.002                       | 0.018              | 0.000                               | 0.000  | 0.786       |
|           | Left          | 0.726                  | 0.003                       | 0.664                       | 0.092              | 0.000                               | 0.000  | 0.729*      |

Table F-45

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth TxBF, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|-----------------------------|-----------------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                                       | 2                           | 3                           | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.726                       | 0.589                       | 0.356              | 0.031                              | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.187                       | 0.000                       | 0.000              | 0.250                              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                       | 0.275                       | 0.625              | 0.002                              | 0.000  | 0.734       |
|           | Right         | 0.072                                   | 0.689                       | 0.002                       | 0.018              | 0.000                              | 0.000  | 0.779       |
|           | Left          | 0.619                                   | 0.003                       | 0.664                       | 0.092              | 0.000                              | 0.000  | 0.664*      |

Table F-46

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|----------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                                      | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.426              | 0.213                                  | 0.158              | 0.000  | 0.694*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.102              | 0.000                                  | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.002              | 0.113                                  | 0.002              | 0.000  | 0.397       | 0.883       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.151              | 0.000                                  | 0.000              | 0.000  | 0.622       | 0.634       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.000              | 0.250                                  | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-47

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|--------------------|-----------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                  | 5                                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.426              | 0.314                                   | 0.158              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.102              | 0.000                                   | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.002              | 0.169                                   | 0.002              | 0.000  | 0.425       | 0.819       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.151              | 0.000                                   | 0.000              | 0.000  | 0.621       | 0.633       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.000              | 0.369                                   | 0.000              | 0.000  | 0.994       | 0.408       |

Table F-48

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                      | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.426              | 0.610                  | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.102              | 0.000                  | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.002              | 0.309                  | 0.002              | 0.000  | 0.700       | 0.771*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.151              | 0.000                  | 0.000              | 0.000  | 0.744*      | 0.676       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.000              | 0.743                  | 0.000              | 0.000  | 0.746       | 0.759       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 11 of 69      |

Table F-49

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3a Reduced to 0.25 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------------------|------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                  | 5                      | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                              | 0.610                  | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.069                              | 0.000                  | 0.250                              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.002                              | 0.309                  | 0.002                              | 0.000  | 0.374       | 0.364       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.088                              | 0.000                  | 0.000                              | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.000                              | 0.743                  | 0.000                              | 0.000  | 0.752       | 0.772       |

Table F-50

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-------------------------------------|------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                   | 5                      | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.363                               | 0.610                  | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.102                               | 0.000                  | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.002                               | 0.309                  | 0.002                               | 0.000  | 0.369       | 0.360       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.126                               | 0.000                  | 0.000                               | 0.000  | 0.964       | 0.413       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                               | 0.743                  | 0.000                               | 0.000  | 0.752       | 0.769       |

Table F-51

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------|------------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                      | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.426              | 0.610                  | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.102              | 0.000                  | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.002              | 0.309                  | 0.002                              | 0.000  | 0.427       |
|           | Right         | 0.079                  | 0.618                  | 0.151              | 0.000                  | 0.000                              | 0.000  | 0.697       |
|           | Left          | 0.726                  | 0.000                  | 0.000              | 0.743                  | 0.000                              | 0.000  | 0.743*      |

Table F-52

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|------------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                      | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.426              | 0.610                  | 0.050                               | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.102              | 0.000                  | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.002              | 0.309                  | 0.002                               | 0.000  | 0.418       |
|           | Right         | 0.072                                   | 0.618                  | 0.151              | 0.000                  | 0.000                               | 0.000  | 0.690       |
|           | Left          | 0.619                                   | 0.000                  | 0.000              | 0.743                  | 0.000                               | 0.000  | 0.743*      |

Table F-53

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | NB U-NII Ant 1b Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------------------------|------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                      | 5                                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.213                                  | 0.206                              | 0.158              | 0.000  | 0.694*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.000                                  | 0.000                              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.113                                  | 0.250                              | 0.002              | 0.000  | 0.534       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.000                                  | 0.018                              | 0.000              | 0.000  | 0.640       | 0.652       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.250                                  | 0.044                              | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-54

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | NB U-NII Ant 1b Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|-----------------------------------------|-------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                       | 5                                   | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.314                                   | 0.308                               | 0.158              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.000                                   | 0.000                               | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.169                                   | 0.371                               | 0.002              | 0.000  | 0.627       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                                   | 0.018                               | 0.000              | 0.000  | 0.639       | 0.651       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.369                                   | 0.064                               | 0.000              | 0.000  | 0.994       | 0.408       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 12 of 69      |

Table F-55

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                      | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.610                  | 0.356              | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.000                  | 0.000              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.309                  | 0.625              | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                  | 0.018              | 0.000              | 0.000  | 0.762*      | 0.694       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.743                  | 0.092              | 0.000              | 0.000  | 0.746       | 0.759       |

Table F-56

**Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + NB U-NII Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------|-------------------------|------------------------|------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                      | 2                       | 3                      | 4                      | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                | 0.746                   | 0.023                  | 0.309                  | 0.625              | 0.002              | 0.000  | 0.819**     | 0.771*      |

Table F-57

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------|--------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                      | 5                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.610                  | 0.356              | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.000                  | 0.000              | 0.250                              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.309                  | 0.625              | 0.002                              | 0.000  | 0.690       | 0.680       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                  | 0.018              | 0.000                              | 0.000  | 0.974       | 0.335       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.743                  | 0.092              | 0.000                              | 0.000  | 0.752       | 0.772       |

Table F-58

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|------------------------|--------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                      | 5                  | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.610                  | 0.356              | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.000                  | 0.000              | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.309                  | 0.625              | 0.002                               | 0.000  | 0.685       | 0.676       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                  | 0.018              | 0.000                               | 0.000  | 0.982       | 0.431       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.743                  | 0.092              | 0.000                               | 0.000  | 0.752       | 0.769       |

Table F-59

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|------------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                      | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.610                  | 0.356              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.000                  | 0.000              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.309                  | 0.625              | 0.002                              | 0.000  | 0.743       |
|           | Right         | 0.079                  | 0.618                  | 0.000                  | 0.018              | 0.000                              | 0.000  | 0.715       |
|           | Left          | 0.726                  | 0.000                  | 0.743                  | 0.092              | 0.000                              | 0.000  | 0.743*      |

Table F-60

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI MIMO, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|------------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                      | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.610                  | 0.356              | 0.050                               | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.000                  | 0.000              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.309                  | 0.625              | 0.002                               | 0.000  | 0.734       |
|           | Right         | 0.072                                   | 0.618                  | 0.000                  | 0.018              | 0.000                               | 0.000  | 0.708       |
|           | Left          | 0.619                                   | 0.000                  | 0.743                  | 0.092              | 0.000                               | 0.000  | 0.743*      |

|                            |                    |                              |
|----------------------------|--------------------|------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:                 |
|                            |                    | Technical Manager            |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 13 of 69 |

Table F-61

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------|----------------------|-----------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                    | 4                    | 5                           | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.177                | 0.691                | 0.726                       | 0.175                                       | 0.000  | 0.726*      | 0.908*      |
|           | Top           | 0.012                   | 0.010                   | 0.746                | 0.161                | 0.187                       | 0.000                                       | 0.000  | 0.945       | 0.943       |
|           | Bottom        | 0.259                   | 0.745                   | 0.008                | 0.000                | 0.023                       | 0.088                                       | 0.000  | 0.378       | 0.864       |
|           | Right         | 0.004                   | 0.016                   | 0.000                | 0.147                | 0.689                       | 0.002                                       | 0.000  | 0.695       | 0.707       |
|           | Left          | 0.746                   | 0.045                   | 0.010                | 0.013                | 0.003                       | 0.250                                       | 0.000  | 0.996*      | 0.318       |

Table F-62

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|----------------------|----------------------|-----------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                    | 4                    | 5                           | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.177                | 0.691                | 0.726                       | 0.249                                        | 0.000  | 0.726*      | 0.874*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.746                | 0.161                | 0.187                       | 0.000                                        | 0.000  | 0.944       | 0.942       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.008                | 0.000                | 0.023                       | 0.126                                        | 0.000  | 0.388       | 0.782       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                | 0.147                | 0.689                       | 0.002                                        | 0.000  | 0.694       | 0.706       |
|           | Left          | 0.625                                    | 0.039                                    | 0.010                | 0.013                | 0.003                       | 0.354                                        | 0.000  | 0.979*      | 0.416       |

Table F-63

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                    | 4                    | 5                           | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.177                | 0.691                | 0.726                       | 0.589                       | 0.000  | 0.726*      | 0.995*      |
|           | Top           | 0.023                   | 0.014                   | 0.746                | 0.161                | 0.187                       | 0.000                       | 0.000  | 0.956       | 0.947       |
|           | Bottom        | 0.366                   | 0.746                   | 0.008                | 0.000                | 0.023                       | 0.275                       | 0.000  | 0.672       | 0.777*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                | 0.147                | 0.689                       | 0.002                       | 0.000  | 0.746*      | 0.749       |
|           | Left          | 0.003                   | 0.016                   | 0.010                | 0.013                | 0.003                       | 0.664                       | 0.000  | 0.690       | 0.703       |

Table F-64

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|--------------------------------------|--------------------------------------|---------------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                    | 4                                    | 5                                           | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.050                                | 0.250                                | 0.250                                       | 0.589                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.250                                | 0.063                                | 0.081                                       | 0.000                       | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.000                                | 0.000                                | 0.023                                       | 0.275                       | 0.000  | 0.338       | 0.328       |
|           | Right         | 0.725                   | 0.086                   | 0.000                                | 0.056                                | 0.231                                       | 0.002                       | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                | 0.013                                | 0.003                                       | 0.664                       | 0.000  | 0.686       | 0.706       |

Table F-65

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                     | 4                                     | 5                                            | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.075                                 | 0.371                                 | 0.344                                        | 0.589                       | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.371                                 | 0.096                                 | 0.114                                        | 0.000                       | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.000                                 | 0.000                                 | 0.023                                        | 0.275                       | 0.000  | 0.333       | 0.324       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                                 | 0.079                                 | 0.317                                        | 0.002                       | 0.000  | 0.944       | 0.393       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                 | 0.013                                 | 0.003                                        | 0.664                       | 0.000  | 0.686       | 0.703       |

Table F-66

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|--------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|--|
|           |               | 1                      | 2                                    | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.050                                | 0.691                | 0.726                       | 0.589                       | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.250                                | 0.161                | 0.187                       | 0.000                       | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.000                                | 0.000                | 0.023                       | 0.275                       | 0.000  | 0.391       |  |
|           | Right         | 0.079                  | 0.000                                | 0.147                | 0.689                       | 0.002                       | 0.000  | 0.770       |  |
|           | Left          | 0.726                  | 0.000                                | 0.013                | 0.003                       | 0.664                       | 0.000  | 0.739*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 14 of 69      |

Table F-67

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 5 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | 5 GHz WIFI Ant 3a<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------------|---------------------------------------------|-------------------------|--------------------------------|--------------------------------|--------|-------------|
|           |               | 1                                             | 2                                           | 3                       | 4                              | 5                              | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                         | 0.075                                       | 0.691                   | 0.726                          | 0.589                          | 0.000  | 0.726*      |
|           | Top           | 0.625                                         | 0.371                                       | 0.161                   | 0.187                          | 0.000                          | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                         | 0.000                                       | 0.000                   | 0.023                          | 0.275                          | 0.000  | 0.382       |
|           | Right         | 0.072                                         | 0.000                                       | 0.147                   | 0.689                          | 0.002                          | 0.000  | 0.763       |
|           | Left          | 0.619                                         | 0.000                                       | 0.013                   | 0.003                          | 0.664                          | 0.000  | 0.664*      |

Table F-68

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 6 GHz WIFI Ant 3c<br>ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.25 ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|-------------------------|-------------------------|--------------------------------|---------------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                       | 4                       | 5                              | 6                                                 | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.024                   | 0.295                   | 0.726                          | 0.175                                             | 0.000  | 0.726*      | 0.908*      |
|           | Top           | 0.012                      | 0.010                      | 0.210                   | 0.102                   | 0.187                          | 0.000                                             | 0.000  | 0.409       | 0.407       |
|           | Bottom        | 0.259                      | 0.745                      | 0.000                   | 0.001                   | 0.023                          | 0.088                                             | 0.000  | 0.370       | 0.856       |
|           | Right         | 0.004                      | 0.016                      | 0.000                   | 0.072                   | 0.689                          | 0.002                                             | 0.000  | 0.695       | 0.707       |
|           | Left          | 0.746                      | 0.045                      | 0.000                   | 0.003                   | 0.003                          | 0.250                                             | 0.000  | 0.996*      | 0.298       |

Table F-69

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 6 GHz WIFI Ant 3c<br>ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.375 ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|-------------------------|-------------------------|--------------------------------|----------------------------------------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                       | 4                       | 5                              | 6                                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.024                   | 0.295                   | 0.726                          | 0.249                                              | 0.000  | 0.726*      | 0.874*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.210                   | 0.102                   | 0.187                          | 0.000                                              | 0.000  | 0.408       | 0.406       |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.000                   | 0.001                   | 0.023                          | 0.126                                              | 0.000  | 0.380       | 0.774       |
|           | Right         | 0.003                                          | 0.015                                          | 0.000                   | 0.072                   | 0.689                          | 0.002                                              | 0.000  | 0.694       | 0.706       |
|           | Left          | 0.625                                          | 0.039                                          | 0.000                   | 0.003                   | 0.003                          | 0.354                                              | 0.000  | 0.982       | 0.396       |

Table F-70

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 6 GHz WIFI Ant 3c<br>ER | 6 GHz WIFI Ant 3a<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|-------------------------|-------------------------|--------------------------------|--------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                       | 4                       | 5                              | 6                              | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.024                   | 0.295                   | 0.726                          | 0.589                          | 0.000  | 0.726*      | 0.874*      |
|           | Top           | 0.023                      | 0.014                      | 0.210                   | 0.102                   | 0.187                          | 0.000                          | 0.000  | 0.420       | 0.411       |
|           | Bottom        | 0.366                      | 0.746                      | 0.000                   | 0.001                   | 0.023                          | 0.275                          | 0.000  | 0.664       | 0.769*      |
|           | Right         | 0.744                      | 0.058                      | 0.000                   | 0.072                   | 0.689                          | 0.002                          | 0.000  | 0.746*      | 0.749       |
|           | Left          | 0.003                      | 0.016                      | 0.000                   | 0.003                   | 0.003                          | 0.664                          | 0.000  | 0.670       | 0.683       |

Table F-71

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.25<br>ER | 6 GHz WIFI Ant 3a<br>Reduced to 0.25<br>ER | 2.4 GHz Bluetooth<br>Ant 3a Reduced to<br>0.25 ER | 2.4 GHz Bluetooth<br>Ant 1a ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|--------------------------------------------|--------------------------------------------|---------------------------------------------------|--------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                          | 4                                          | 5                                                 | 6                              | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.024                                      | 0.250                                      | 0.250                                             | 0.589                          | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                      | 0.746                      | 0.210                                      | 0.088                                      | 0.081                                             | 0.000                          | 0.000  | 0.976       | 0.956*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.000                                      | 0.000                                      | 0.023                                             | 0.275                          | 0.000  | 0.338       | 0.328       |
|           | Right         | 0.725                      | 0.086                      | 0.000                                      | 0.063                                      | 0.231                                             | 0.002                          | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                      | 0.029                      | 0.000                                      | 0.003                                      | 0.003                                             | 0.664                          | 0.000  | 0.676       | 0.696       |

Table F-72

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>3a Reduced to<br>0.625 ER | Cellular Band Ant<br>3b Reduced to<br>0.625 ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | 6 GHz WIFI Ant 3a<br>Reduced to 0.375<br>ER | 2.4 GHz Bluetooth<br>Ant 3a Reduced to<br>0.375 ER | 2.4 GHz Bluetooth<br>Ant 1a ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------------------|--------------------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                                           | 4                                           | 5                                                  | 6                              | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                          | 0.625                                          | 0.024                                       | 0.295                                       | 0.344                                              | 0.589                          | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                          | 0.625                                          | 0.210                                       | 0.102                                       | 0.114                                              | 0.000                          | 0.000  | 0.907       | 0.949       |
|           | Bottom        | 0.035                                          | 0.026                                          | 0.000                                       | 0.001                                       | 0.023                                              | 0.275                          | 0.000  | 0.333       | 0.324       |
|           | Right         | 0.625                                          | 0.074                                          | 0.000                                       | 0.072                                       | 0.317                                              | 0.002                          | 0.000  | 0.944       | 0.393       |
|           | Left          | 0.009                                          | 0.026                                          | 0.000                                       | 0.003                                       | 0.003                                              | 0.664                          | 0.000  | 0.676       | 0.693       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 15 of 69      |

Table F-73

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|--------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                                    | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.024                                | 0.295                | 0.726                       | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.210                                | 0.102                | 0.187                       | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.000                                | 0.001                | 0.023                       | 0.275                       | 0.000  | 0.391       |
|           | Right         | 0.079                  | 0.000                                | 0.072                | 0.689                       | 0.002                       | 0.000  | 0.770       |
|           | Left          | 0.726                  | 0.000                                | 0.003                | 0.003                       | 0.664                       | 0.000  | 0.729*      |

Table F-74

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                                     | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.024                                 | 0.295                | 0.726                       | 0.589                       | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.210                                 | 0.102                | 0.187                       | 0.000                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.000                                 | 0.001                | 0.023                       | 0.275                       | 0.000  | 0.382       |
|           | Right         | 0.072                                   | 0.000                                 | 0.072                | 0.689                       | 0.002                       | 0.000  | 0.763       |
|           | Left          | 0.619                                   | 0.000                                 | 0.003                | 0.003                       | 0.664                       | 0.000  | 0.664*      |

Table F-75

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER                       |
|-----------|---------------|-------------------------|-------------------------|----------------------|--------------------------------------|---------------------------------------------|-----------------------------|--------|----------------------------|
|           |               | 1                       | 2                       | 3                    | 4                                    | 5                                           | 6                           | 7      | 1+3+4+5+6+7<br>2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.177                | 0.231                                | 0.175                                       | 0.726                       | 0.000  | 0.726*<br>0.964*           |
|           | Top           | 0.012                   | 0.010                   | 0.746                | 0.000                                | 0.000                                       | 0.187                       | 0.000  | 0.945<br>0.943             |
|           | Bottom        | 0.259                   | 0.745                   | 0.008                | 0.250                                | 0.088                                       | 0.023                       | 0.000  | 0.540<br>0.995*            |
|           | Right         | 0.004                   | 0.016                   | 0.000                | 0.023                                | 0.002                                       | 0.689                       | 0.000  | 0.716<br>0.728             |
|           | Left          | 0.746                   | 0.045                   | 0.010                | 0.065                                | 0.250                                       | 0.003                       | 0.000  | 0.996*<br>0.308            |

Table F-76

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------|------------------------------------------|----------------------|---------------------------------------|----------------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                    | 4                                     | 5                                            | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.177                | 0.344                                 | 0.249                                        | 0.726                       | 0.000  | 0.738*      | 0.969*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.746                | 0.000                                 | 0.000                                        | 0.187                       | 0.000  | 0.944       | 0.942       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.008                | 0.371                                 | 0.126                                        | 0.023                       | 0.000  | 0.633       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                | 0.023                                 | 0.002                                        | 0.689                       | 0.000  | 0.715       | 0.727       |
|           | Left          | 0.625                                    | 0.039                                    | 0.010                | 0.065                                 | 0.354                                        | 0.003                       | 0.000  | 0.992       | 0.406       |

Table F-77

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 5 GHz WIFI Ant 3c<br>ER | 5 GHz WIFI Ant 1b<br>ER | 2.4 GHz Bluetooth<br>Ant 1a ER | 2.4 GHz Bluetooth<br>Ant 3a ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|-------------------------|-------------------------|--------------------------------|--------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                       | 4                       | 5                              | 6                              | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.177                   | 0.602                   | 0.589                          | 0.726                          | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                      | 0.014                      | 0.746                   | 0.000                   | 0.000                          | 0.187                          | 0.000  | 0.956       | 0.947       |
|           | Bottom        | 0.366                      | 0.746                      | 0.008                   | 0.744                   | 0.275                          | 0.023                          | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                      | 0.058                      | 0.000                   | 0.023                   | 0.002                          | 0.689                          | 0.000  | 0.767*      | 0.770       |
|           | Left          | 0.003                      | 0.016                      | 0.010                   | 0.108                   | 0.664                          | 0.003                          | 0.000  | 0.680       | 0.693       |

Table F-78

**Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | NR Band n41 Ant 2b + 5 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER      |             |
|-----------|---------------|-------------------------------------------|-------------------------|----------------------|----------------------|-----------------------------|-----------------------------|--------|-----------|-------------|
|           |               | 1                                         | 2                       | 3                    | 4                    | 5                           | 6                           | 7      | 1+3+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                   | 0.746                   | 0.008                | 0.744                | 0.275                       | 0.023                       | 0.000  | 0.844**   | 0.777*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 16 of 69      |

Table F-79

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|--------------------------------------|----------------------|-----------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                    | 4                    | 5                           | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.050                                | 0.602                | 0.589                       | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.250                                | 0.000                | 0.000                       | 0.081                                       | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.000                                | 0.744                | 0.275                       | 0.023                                       | 0.000  | 0.807       | 0.797       |
|           | Right         | 0.725                   | 0.086                   | 0.000                                | 0.023                | 0.002                       | 0.231                                       | 0.000  | 0.979       | 0.340       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                | 0.108                | 0.664                       | 0.003                                       | 0.000  | 0.676       | 0.696       |

Table F-80

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 5 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|---------------------------------------|----------------------|-----------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                     | 4                    | 5                           | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.075                                 | 0.602                | 0.589                       | 0.344                                        | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.371                                 | 0.000                | 0.000                       | 0.114                                        | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.000                                 | 0.744                | 0.275                       | 0.023                                        | 0.000  | 0.802       | 0.793       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                                 | 0.023                | 0.002                       | 0.317                                        | 0.000  | 0.965       | 0.414       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                 | 0.108                | 0.664                       | 0.003                                        | 0.000  | 0.676       | 0.693       |

Table F-81

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|--------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                                    | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.050                                | 0.602                | 0.589                       | 0.726                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.250                                | 0.000                | 0.000                       | 0.187                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.000                                | 0.744                | 0.275                       | 0.023                       | 0.000  | 0.860       |
|           | Right         | 0.079                  | 0.000                                | 0.023                | 0.002                       | 0.689                       | 0.000  | 0.791       |
|           | Left          | 0.726                  | 0.000                                | 0.108                | 0.664                       | 0.003                       | 0.000  | 0.729*      |

Table F-82

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                                     | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.075                                 | 0.602                | 0.589                       | 0.726                       | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.371                                 | 0.000                | 0.000                       | 0.187                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.000                                 | 0.744                | 0.275                       | 0.023                       | 0.000  | 0.851       |
|           | Right         | 0.072                                   | 0.000                                 | 0.023                | 0.002                       | 0.689                       | 0.000  | 0.784       |
|           | Left          | 0.619                                   | 0.000                                 | 0.108                | 0.664                       | 0.003                       | 0.000  | 0.664*      |

Table F-83

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------|--------------------------------------|---------------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                    | 4                                    | 5                                           | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.024                | 0.144                                | 0.175                                       | 0.726                       | 0.000  | 0.726*      | 0.908*      |
|           | Top           | 0.012                   | 0.010                   | 0.210                | 0.000                                | 0.000                                       | 0.187                       | 0.000  | 0.409       | 0.407       |
|           | Bottom        | 0.259                   | 0.745                   | 0.000                | 0.250                                | 0.088                                       | 0.023                       | 0.000  | 0.532       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                | 0.000                                | 0.002                                       | 0.689                       | 0.000  | 0.695       | 0.707       |
|           | Left          | 0.746                   | 0.045                   | 0.000                | 0.000                                | 0.250                                       | 0.003                       | 0.000  | 0.996*      | 0.298       |

Table F-84

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|----------------------|---------------------------------------|----------------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                    | 4                                     | 5                                            | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.024                | 0.197                                 | 0.249                                        | 0.726                       | 0.000  | 0.726*      | 0.874*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.210                | 0.000                                 | 0.000                                        | 0.187                       | 0.000  | 0.408       | 0.406       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.000                | 0.343                                 | 0.126                                        | 0.023                       | 0.000  | 0.597       | 0.991       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                | 0.000                                 | 0.002                                        | 0.689                       | 0.000  | 0.694       | 0.706       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                | 0.000                                 | 0.354                                        | 0.003                       | 0.000  | 0.982       | 0.396       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 17 of 69      |

Table F-85

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                    | 4                    | 5                           | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.024                | 0.197                | 0.589                       | 0.726                       | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.210                | 0.000                | 0.000                       | 0.187                       | 0.000  | 0.420       | 0.411       |
|           | Bottom        | 0.366                   | 0.746                   | 0.000                | 0.343                | 0.275                       | 0.023                       | 0.000  | 0.732       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                | 0.000                | 0.002                       | 0.689                       | 0.000  | 0.746*      | 0.749       |
|           | Left          | 0.003                   | 0.016                   | 0.000                | 0.000                | 0.664                       | 0.003                       | 0.000  | 0.670       | 0.683       |

Table F-86

**Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|----------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                    | 4                    | 5                           | 6                           | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.000                | 0.343                | 0.275                       | 0.023                       | 0.000  | 0.792**     | 0.769*      |

Table F-87

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|--------------------------------------|----------------------|-----------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                    | 4                    | 5                           | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.024                                | 0.197                | 0.589                       | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.210                                | 0.000                | 0.000                       | 0.081                                       | 0.000  | 0.969       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.000                                | 0.343                | 0.275                       | 0.023                                       | 0.000  | 0.406       | 0.396       |
|           | Right         | 0.725                   | 0.086                   | 0.000                                | 0.000                | 0.002                       | 0.231                                       | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                | 0.000                | 0.664                       | 0.003                                       | 0.000  | 0.676       | 0.696       |

Table F-88

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 6 GHz WIFI MIMO and 2.4 GHz Bluetooth TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|---------------------------------------|----------------------|-----------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                     | 4                    | 5                           | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.024                                 | 0.197                | 0.589                       | 0.344                                        | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.210                                 | 0.000                | 0.000                       | 0.114                                        | 0.000  | 0.907       | 0.949       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.000                                 | 0.343                | 0.275                       | 0.023                                        | 0.000  | 0.401       | 0.392       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                                 | 0.000                | 0.002                       | 0.317                                        | 0.000  | 0.944       | 0.393       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                 | 0.000                | 0.664                       | 0.003                                        | 0.000  | 0.676       | 0.693       |

Table F-89

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|--------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                                    | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.024                                | 0.197                | 0.589                       | 0.726                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.210                                | 0.000                | 0.000                       | 0.187                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.000                                | 0.343                | 0.275                       | 0.023                       | 0.000  | 0.459       |
|           | Right         | 0.079                  | 0.000                                | 0.000                | 0.002                       | 0.689                       | 0.000  | 0.770       |
|           | Left          | 0.726                  | 0.000                                | 0.000                | 0.664                       | 0.003                       | 0.000  | 0.729*      |

Table F-90

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 6 GHz WIFI MIMO, 2.4 GHz Bluetooth TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                                     | 3                    | 4                           | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.024                                 | 0.197                | 0.589                       | 0.726                       | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.210                                 | 0.000                | 0.000                       | 0.187                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.000                                 | 0.343                | 0.275                       | 0.023                       | 0.000  | 0.450       |
|           | Right         | 0.072                                   | 0.000                                 | 0.000                | 0.002                       | 0.689                       | 0.000  | 0.763       |
|           | Left          | 0.619                                   | 0.000                                 | 0.000                | 0.664                       | 0.003                       | 0.000  | 0.664*      |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 18 of 69      |

Table F-91

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |        |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|---------------------------------------------|--------|-------------|--------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                                           |        |             |        |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.691                | 0.177                | 0.175                                       | 0.000  | 0.694*      | 0.908* |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.161                | 0.746                | 0.000                                       | 0.000  | 0.746*      | 0.746* |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.000                | 0.008                | 0.088                                       | 0.000  | 0.378       | 0.864  |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.147                | 0.000                | 0.002                                       | 0.000  | 0.624       | 0.636  |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.013                | 0.010                | 0.250                                       | 0.000  | 0.996*      | 0.318  |

Table F-92

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |        |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|----------------------|----------------------------------------------|--------|-------------|--------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                    | 6                                            |        |             |        |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.691                | 0.177                | 0.249                                        | 0.000  | 0.694*      | 0.874* |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.161                | 0.746                | 0.000                                        | 0.000  | 0.746*      | 0.746* |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.000                | 0.008                | 0.126                                        | 0.000  | 0.388       | 0.782  |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.147                | 0.000                | 0.002                                        | 0.000  | 0.623       | 0.635  |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.013                | 0.010                | 0.354                                        | 0.000  | 0.979*      | 0.416  |

Table F-93

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |        |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|--------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           |        |             |        |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.691                | 0.177                | 0.589                       | 0.000  | 0.694*      | 0.694* |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.161                | 0.746                | 0.000                       | 0.000  | 0.746*      | 0.746* |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.000                | 0.008                | 0.275                       | 0.000  | 0.672       | 0.777* |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.147                | 0.000                | 0.002                       | 0.000  | 0.746*      | 0.678  |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.013                | 0.010                | 0.664                       | 0.000  | 0.690       | 0.703  |

Table F-94

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |        |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------|-------------|--------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                                    | 6                           |        |             |        |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                                | 0.050                                | 0.589                       | 0.000  | 0.989*      | 0.995* |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.063                                | 0.250                                | 0.000                       | 0.000  | 0.772*      | 0.996* |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.000                                | 0.275                       | 0.000  | 0.338       | 0.328  |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.056                                | 0.000                                | 0.002                       | 0.000  | 0.958       | 0.319  |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.013                                | 0.000                                | 0.664                       | 0.000  | 0.686       | 0.706  |

Table F-95

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |        |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|-----------------------------|--------|-------------|--------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                                     | 6                           |        |             |        |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.371                                 | 0.075                                 | 0.589                       | 0.000  | 0.996*      | 0.996* |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.096                                 | 0.371                                 | 0.000                       | 0.000  | 0.722*      | 0.996* |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.000                                 | 0.275                       | 0.000  | 0.333       | 0.324  |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.079                                 | 0.000                                 | 0.002                       | 0.000  | 0.966       | 0.415  |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.013                                 | 0.000                                 | 0.664                       | 0.000  | 0.686       | 0.703  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 19 of 69      |

Table F-96

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.691                | 0.050                                | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.161                | 0.250                                | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                | 0.000                                | 0.275                       | 0.000  | 0.391       |
|           | Right         | 0.079                  | 0.618                  | 0.147                | 0.000                                | 0.002                       | 0.000  | 0.699       |
|           | Left          | 0.726                  | 0.000                  | 0.013                | 0.000                                | 0.664                       | 0.000  | 0.739*      |

Table F-97

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

|          |           |               |                                         |                        |                      |                                       |                             |        |             |
|----------|-----------|---------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|-----------------------------|--------|-------------|
| T        | Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | Σ ER        |
|          |           |               | 1                                       | 2                      | 3                    | 4                                     | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR | Back      |               | 0.625                                   | 0.694                  | 0.691                | 0.075                                 | 0.589                       | 0.000  | 0.694*      |
|          | Top       |               | 0.625                                   | 0.258                  | 0.161                | 0.371                                 | 0.000                       | 0.000  | 0.625*      |
|          | Bottom    |               | 0.084                                   | 0.023                  | 0.000                | 0.000                                 | 0.275                       | 0.000  | 0.382       |
|          | Right     |               | 0.072                                   | 0.618                  | 0.147                | 0.000                                 | 0.002                       | 0.000  | 0.692       |
|          | Left      |               | 0.619                                   | 0.000                  | 0.013                | 0.000                                 | 0.664                       | 0.000  | 0.664*      |

Table F-98

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.295                | 0.024                | 0.175                                       | 0.000  | 0.694*      | 0.908*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.102                | 0.210                | 0.000                                       | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.001                | 0.000                | 0.088                                       | 0.000  | 0.370       | 0.856       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.072                | 0.000                | 0.002                                       | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.003                | 0.000                | 0.250                                       | 0.000  | 0.996*      | 0.298       |

Table F-99

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|----------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                    | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.295                | 0.024                | 0.249                                        | 0.000  | 0.694*      | 0.874*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.102                | 0.210                | 0.000                                        | 0.000  | 0.479       | 0.477       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.001                | 0.000                | 0.126                                        | 0.000  | 0.380       | 0.774       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.072                | 0.000                | 0.002                                        | 0.000  | 0.623       | 0.635       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.003                | 0.000                | 0.354                                        | 0.000  | 0.982       | 0.396       |

Table F-100

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.295                | 0.024                | 0.589                       | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.102                | 0.210                | 0.000                       | 0.000  | 0.491       | 0.482       |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.001                | 0.000                | 0.275                       | 0.000  | 0.664       | 0.769*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.072                | 0.000                | 0.002                       | 0.000  | 0.746*      | 0.678       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.003                | 0.000                | 0.664                       | 0.000  | 0.670       | 0.683       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 20 of 69      |

Table F-101

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                                | 0.024                                | 0.589                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.088                                | 0.210                                | 0.000                       | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.000                                | 0.275                       | 0.000  | 0.338       | 0.328       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.063                                | 0.000                                | 0.002                       | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.003                                | 0.000                                | 0.664                       | 0.000  | 0.676       | 0.696       |

Table F-102

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                                     | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.295                                 | 0.024                                 | 0.589                       | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.102                                 | 0.210                                 | 0.000                       | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.001                                 | 0.000                                 | 0.275                       | 0.000  | 0.333       | 0.324       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.072                                 | 0.000                                 | 0.002                       | 0.000  | 0.966       | 0.415       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.003                                 | 0.000                                 | 0.664                       | 0.000  | 0.676       | 0.693       |

Table F-103

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.295                | 0.024                                | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.102                | 0.210                                | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.001                | 0.000                                | 0.275                       | 0.000  | 0.391       |
|           | Right         | 0.079                  | 0.618                  | 0.072                | 0.000                                | 0.002                       | 0.000  | 0.699       |
|           | Left          | 0.726                  | 0.000                  | 0.003                | 0.000                                | 0.664                       | 0.000  | 0.729*      |

Table F-104

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.295                | 0.024                                | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.102                | 0.210                                | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.001                | 0.000                                | 0.275                       | 0.000  | 0.391       |
|           | Right         | 0.079                  | 0.618                  | 0.072                | 0.000                                | 0.002                       | 0.000  | 0.699       |
|           | Left          | 0.726                  | 0.000                  | 0.003                | 0.000                                | 0.664                       | 0.000  | 0.729*      |

Table F-105

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.177                | 0.231                                | 0.175                                       | 0.000  | 0.694*      | 0.964*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.746                | 0.000                                | 0.000                                       | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.008                | 0.250                                | 0.088                                       | 0.000  | 0.540       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.000                | 0.023                                | 0.002                                       | 0.000  | 0.645       | 0.657       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.010                | 0.065                                | 0.250                                       | 0.000  | 0.996*      | 0.305       |

|                            |                    |                                   |
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 21 of 69      |

Table F-106

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.177                | 0.344                                 | 0.249                                        | 0.000  | 0.738*      | 0.969*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.746                | 0.000                                 | 0.000                                        | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.008                | 0.371                                 | 0.126                                        | 0.000  | 0.633       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                | 0.023                                 | 0.002                                        | 0.000  | 0.644       | 0.656       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.010                | 0.065                                 | 0.354                                        | 0.000  | 0.989       | 0.403       |

Table F-107

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.177                | 0.602                | 0.589                       | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.746                | 0.000                | 0.000                       | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.008                | 0.744                | 0.275                       | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                | 0.023                | 0.002                       | 0.000  | 0.767*      | 0.699       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.010                | 0.108                | 0.664                       | 0.000  | 0.677       | 0.690       |

Table F-108

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | NR Band n41 Ant 2b + 5 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                         | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                   | 0.746                   | 0.023                  | 0.008                | 0.744                | 0.275                       | 0.000  | 0.844**     | 0.777*      |

Table F-109

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.050                                | 0.602                | 0.589                       | 0.000  | 0.989*      | 0.996*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.250                                | 0.000                | 0.000                       | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.744                | 0.275                       | 0.000  | 0.807       | 0.797       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                                | 0.023                | 0.002                       | 0.000  | 0.979       | 0.340       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.000                                | 0.108                | 0.664                       | 0.000  | 0.673       | 0.693       |

Table F-110

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.075                                 | 0.602                | 0.589                       | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.371                                 | 0.000                | 0.000                       | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.744                | 0.275                       | 0.000  | 0.802       | 0.793       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                                 | 0.023                | 0.002                       | 0.000  | 0.987       | 0.436       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                                 | 0.108                | 0.664                       | 0.000  | 0.673       | 0.690       |

Table F-111

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.050                                | 0.602                | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.250                                | 0.000                | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                                | 0.744                | 0.275                       | 0.000  | 0.860       |
|           | Right         | 0.079                  | 0.618                  | 0.000                                | 0.023                | 0.002                       | 0.000  | 0.720       |
|           | Left          | 0.726                  | 0.000                  | 0.000                                | 0.108                | 0.664                       | 0.000  | 0.726*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 22 of 69      |

Table F-112

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|--|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                           | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.075                                 | 0.602                | 0.589                       | 0.000  | 0.694*      |  |
|           | Top           | 0.625                                   | 0.258                  | 0.371                                 | 0.000                | 0.000                       | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                   | 0.023                  | 0.000                                 | 0.744                | 0.275                       | 0.000  | 0.851       |  |
|           | Right         | 0.072                                   | 0.618                  | 0.000                                 | 0.023                | 0.002                       | 0.000  | 0.713       |  |
|           | Left          | 0.619                                   | 0.000                  | 0.000                                 | 0.108                | 0.664                       | 0.000  | 0.664*      |  |

Table F-113

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.024                | 0.144                                | 0.175                                       | 0.000  | 0.694*      | 0.908*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.210                | 0.000                                | 0.000                                       | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.000                | 0.250                                | 0.088                                       | 0.000  | 0.532       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.000                | 0.000                                | 0.002                                       | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.000                | 0.000                                | 0.250                                       | 0.000  | 0.996*      | 0.295       |

Table F-114

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.024                | 0.197                                 | 0.249                                        | 0.000  | 0.694*      | 0.874*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.210                | 0.000                                 | 0.000                                        | 0.000  | 0.479       | 0.478       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.000                | 0.343                                 | 0.126                                        | 0.000  | 0.597       | 0.991       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                | 0.000                                 | 0.002                                        | 0.000  | 0.623       | 0.635       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.000                | 0.000                                 | 0.354                                        | 0.000  | 0.979       | 0.393       |

Table F-115

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.024                | 0.197                | 0.589                       | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.210                | 0.000                | 0.000                       | 0.000  | 0.482       |             |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.000                | 0.343                | 0.275                       | 0.000  | 0.732       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                | 0.000                | 0.002                       | 0.000  | 0.746*      | 0.678       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.000                | 0.000                | 0.664                       | 0.000  | 0.667       | 0.680       |

Table F-116

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.023                  | 0.000                | 0.343                | 0.275                       | 0.000  | 0.792**     | 0.769*      |

Table F-117

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.024                                | 0.197                | 0.589                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.210                                | 0.000                | 0.000                       | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.343                | 0.275                       | 0.000  | 0.406       | 0.396       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                                | 0.000                | 0.002                       | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.000                                | 0.000                | 0.664                       | 0.000  | 0.673       | 0.693       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 23 of 69      |

Table F-118

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.024                                 | 0.197                | 0.589                       | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.210                                 | 0.000                | 0.000                       | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.343                | 0.275                       | 0.000  | 0.401       | 0.392       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                                 | 0.000                | 0.002                       | 0.000  | 0.966       | 0.415       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                                 | 0.000                | 0.664                       | 0.000  | 0.673       | 0.690       |

Table F-119

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.024                                | 0.197                | 0.589                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.210                                | 0.000                | 0.000                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                                | 0.343                | 0.275                       | 0.000  | 0.459       |
|           | Right         | 0.079                  | 0.618                  | 0.000                                | 0.000                | 0.002                       | 0.000  | 0.699       |
|           | Left          | 0.726                  | 0.000                  | 0.000                                | 0.000                | 0.664                       | 0.000  | 0.726*      |

Table F-120

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 2.4 GHz Bluetooth Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.024                                 | 0.197                | 0.589                       | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.210                                 | 0.000                | 0.000                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.000                                 | 0.343                | 0.275                       | 0.000  | 0.450       |
|           | Right         | 0.072                                   | 0.618                  | 0.000                                 | 0.000                | 0.002                       | 0.000  | 0.692       |
|           | Left          | 0.619                                   | 0.000                  | 0.000                                 | 0.000                | 0.664                       | 0.000  | 0.664*      |

Table F-121

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.177                | 0.691                | 0.726                       | 0.000  | 0.726*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.746                | 0.161                | 0.187                       | 0.000  | 0.945       | 0.943       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.008                | 0.000                | 0.023                       | 0.000  | 0.403       | 0.889       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                | 0.147                | 0.689                       | 0.000  | 0.693       | 0.705       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.010                | 0.013                | 0.003                       | 0.000  | 0.996*      | 0.318       |

Table F-122

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.177                | 0.691                | 0.726                       | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.746                | 0.161                | 0.187                       | 0.000  | 0.944       | 0.942       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.008                | 0.000                | 0.023                       | 0.000  | 0.431       | 0.825       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                | 0.147                | 0.689                       | 0.000  | 0.692       | 0.704       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.010                | 0.013                | 0.003                       | 0.000  | 0.994*      | 0.431       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 24 of 69      |

Table F-123

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           |        | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.177                | 0.691                | 0.726                       | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.746                | 0.161                | 0.187                       | 0.000  | 0.956       | 0.947       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.008                | 0.000                | 0.023                       | 0.000  | 0.706       | 0.777*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.147                | 0.689                       | 0.000  | 0.744*      | 0.747       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.010                | 0.013                | 0.003                       | 0.000  | 0.769       | 0.782       |

Table F-124

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                    | 5                                    | 6                                           |        | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.050                                | 0.250                                | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.250                                | 0.063                                | 0.081                                       | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.000                                | 0.000                                | 0.023                                       | 0.000  | 0.372       | 0.362       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                                | 0.056                                | 0.231                                       | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                                | 0.013                                | 0.003                                       | 0.000  | 0.765       | 0.785       |

Table F-125

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|---------------------------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                     | 5                                     | 6                                            |        | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.075                                 | 0.371                                 | 0.344                                        | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.371                                 | 0.096                                 | 0.114                                        | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.000                                 | 0.000                                 | 0.023                                        | 0.000  | 0.367       | 0.358       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                                 | 0.079                                 | 0.317                                        | 0.000  | 0.942       | 0.391       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                                 | 0.013                                 | 0.003                                        | 0.000  | 0.765       | 0.782       |

Table F-126

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                           |        | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.050                                | 0.691                | 0.726                       | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.000                  | 0.250                                | 0.161                | 0.187                       | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.309                  | 0.000                                | 0.000                | 0.023                       | 0.000  | 0.425       |  |
|           | Right         | 0.079                  | 0.000                  | 0.000                                | 0.147                | 0.689                       | 0.000  | 0.768       |  |
|           | Left          | 0.726                  | 0.743                  | 0.000                                | 0.013                | 0.003                       | 0.000  | 0.743*      |  |

Table F-127

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|--|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                           |        | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.075                                 | 0.691                | 0.726                       | 0.000  | 0.726*      |  |
|           | Top           | 0.625                                   | 0.000                  | 0.371                                 | 0.161                | 0.187                       | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                   | 0.309                  | 0.000                                 | 0.000                | 0.023                       | 0.000  | 0.416       |  |
|           | Right         | 0.072                                   | 0.000                  | 0.000                                 | 0.147                | 0.689                       | 0.000  | 0.761       |  |
|           | Left          | 0.619                                   | 0.743                  | 0.000                                 | 0.013                | 0.003                       | 0.000  | 0.743*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 25 of 69      |

Table F-128

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.024                | 0.295                | 0.726                       | 0.000  | 0.726*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.210                | 0.102                | 0.187                       | 0.000  | 0.409       | 0.407       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.000                | 0.001                | 0.023                       | 0.000  | 0.395       | 0.881       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                | 0.072                | 0.689                       | 0.000  | 0.693       | 0.705       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.000                | 0.003                | 0.003                       | 0.000  | 0.996*      | 0.298       |

Table F-129

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.024                | 0.295                | 0.726                       | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.210                | 0.102                | 0.187                       | 0.000  | 0.408       | 0.406       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.000                | 0.001                | 0.023                       | 0.000  | 0.423       | 0.817       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                | 0.072                | 0.689                       | 0.000  | 0.692       | 0.704       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.000                | 0.003                | 0.003                       | 0.000  | 0.994*      | 0.411       |

Table F-130

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.024                | 0.295                | 0.726                       | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.210                | 0.102                | 0.187                       | 0.000  | 0.420       | 0.411       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.000                | 0.001                | 0.023                       | 0.000  | 0.698       | 0.769*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.072                | 0.689                       | 0.000  | 0.744*      | 0.747       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.000                | 0.003                | 0.003                       | 0.000  | 0.749       | 0.762       |

Table F-131

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                    | 5                                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.024                                | 0.250                                | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.210                                | 0.088                                | 0.081                                       | 0.000  | 0.976       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.000                                | 0.000                                | 0.023                                       | 0.000  | 0.372       | 0.362       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                                | 0.063                                | 0.231                                       | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                                | 0.003                                | 0.003                                       | 0.000  | 0.755       | 0.775       |

Table F-132

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|---------------------------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                     | 5                                     | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.024                                 | 0.295                                 | 0.344                                        | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.210                                 | 0.102                                 | 0.114                                        | 0.000  | 0.907       | 0.949       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.000                                 | 0.001                                 | 0.023                                        | 0.000  | 0.367       | 0.358       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                                 | 0.072                                 | 0.317                                        | 0.000  | 0.942       | 0.391       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                                 | 0.003                                 | 0.003                                        | 0.000  | 0.755       | 0.772       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 26 of 69      |

Table F-133

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.024                                | 0.295                | 0.726                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.210                                | 0.102                | 0.187                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.000                                | 0.001                | 0.023                       | 0.000  | 0.425       |
|           | Right         | 0.079                  | 0.000                  | 0.000                                | 0.072                | 0.689                       | 0.000  | 0.768       |
|           | Left          | 0.726                  | 0.743                  | 0.000                                | 0.003                | 0.003                       | 0.000  | 0.743*      |

Table F-134

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.024                                 | 0.295                | 0.726                       | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.000                  | 0.210                                 | 0.102                | 0.187                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.000                                 | 0.001                | 0.023                       | 0.000  | 0.416       |
|           | Right         | 0.072                                   | 0.000                  | 0.000                                 | 0.072                | 0.689                       | 0.000  | 0.761       |
|           | Left          | 0.619                                   | 0.743                  | 0.000                                 | 0.003                | 0.003                       | 0.000  | 0.743*      |

Table F-135

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 5 GHz WIFI Ant 1b Reduced to 0.25 ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.231                                | 0.177                | 0.726                       | 0.000  | 0.726*      | 0.964*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.000                                | 0.746                | 0.187                       | 0.000  | 0.945       | 0.943       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.250                                | 0.008                | 0.023                       | 0.000  | 0.540       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.023                                | 0.000                | 0.689                       | 0.000  | 0.716       | 0.728       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.065                                | 0.010                | 0.003                       | 0.000  | 0.996*      | 0.308       |

Table F-136

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 5 GHz WIFI Ant 1b Reduced to 0.375 ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.344                                 | 0.177                | 0.726                       | 0.000  | 0.738*      | 0.969*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.000                                 | 0.746                | 0.187                       | 0.000  | 0.944       | 0.942       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.371                                 | 0.008                | 0.023                       | 0.000  | 0.633       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.023                                 | 0.000                | 0.689                       | 0.000  | 0.715       | 0.727       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.065                                 | 0.010                | 0.003                       | 0.000  | 0.994*      | 0.421       |

Table F-137

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.602                | 0.177                | 0.726                       | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.000                | 0.746                | 0.187                       | 0.000  | 0.956       | 0.947       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.744                | 0.008                | 0.023                       | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.023                | 0.000                | 0.689                       | 0.000  | 0.767*      | 0.770       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.108                | 0.010                | 0.003                       | 0.000  | 0.759       | 0.772       |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 27 of 69      |

Table F-138

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | NR Band n41 Ant 2b + 5 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                         | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                   | 0.746                   | 0.309                  | 0.744                | 0.008                | 0.023                       | 0.000  | 0.844**     | 0.777*      |

Table F-139

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.602                | 0.050                                | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.000                | 0.250                                | 0.081                                       | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.744                | 0.000                                | 0.023                                       | 0.000  | 0.807       | 0.797       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.023                | 0.000                                | 0.231                                       | 0.000  | 0.979       | 0.340       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.108                | 0.000                                | 0.003                                       | 0.000  | 0.755       | 0.775       |

Table F-140

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.602                | 0.075                                 | 0.344                                        | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000                | 0.371                                 | 0.114                                        | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.744                | 0.000                                 | 0.023                                        | 0.000  | 0.802       | 0.793       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.023                | 0.000                                 | 0.317                                        | 0.000  | 0.965       | 0.414       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.108                | 0.000                                 | 0.003                                        | 0.000  | 0.755       | 0.772       |

Table F-141

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|-----------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.602                | 0.050                                | 0.726                       | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.000                | 0.250                                | 0.187                       | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.744                | 0.000                                | 0.023                       | 0.000  | 0.860       |
|           | Right         | 0.079                  | 0.000                  | 0.023                | 0.000                                | 0.689                       | 0.000  | 0.791       |
|           | Left          | 0.726                  | 0.743                  | 0.108                | 0.000                                | 0.003                       | 0.000  | 0.743*      |

Table F-142

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|-----------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                    | 4                                     | 5                           | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.602                | 0.075                                 | 0.726                       | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.000                  | 0.000                | 0.371                                 | 0.187                       | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.744                | 0.000                                 | 0.023                       | 0.000  | 0.851       |
|           | Right         | 0.072                                   | 0.000                  | 0.023                | 0.000                                 | 0.689                       | 0.000  | 0.784       |
|           | Left          | 0.619                                   | 0.743                  | 0.108                | 0.000                                 | 0.003                       | 0.000  | 0.743*      |

Table F-143

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.144                                | 0.024                | 0.726                       | 0.000  | 0.726*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.000                                | 0.210                | 0.187                       | 0.000  | 0.409       | 0.407       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.250                                | 0.000                | 0.023                       | 0.000  | 0.532       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                                | 0.000                | 0.689                       | 0.000  | 0.693       | 0.705       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.000                                | 0.000                | 0.003                       | 0.000  | 0.996*      | 0.298       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 28 of 69      |

Table F-144

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.197                                 | 0.024                | 0.726                       | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.000                                 | 0.210                | 0.187                       | 0.000  | 0.408       | 0.406       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.343                                 | 0.000                | 0.023                       | 0.000  | 0.597       | 0.991       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                                 | 0.000                | 0.689                       | 0.000  | 0.692       | 0.704       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.000                                 | 0.000                | 0.003                       | 0.000  | 0.994*      | 0.411       |

Table F-145

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.197                | 0.024                | 0.726                       | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.000                | 0.210                | 0.187                       | 0.000  | 0.420       | 0.411       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.343                | 0.000                | 0.023                       | 0.000  | 0.732       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.000                | 0.689                       | 0.000  | 0.744*      | 0.747       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.000                | 0.000                | 0.003                       | 0.000  | 0.749       | 0.762       |

Table F-146

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|------------------------|----------------------|----------------------|-----------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                      | 4                    | 5                    | 6                           | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.309                  | 0.343                | 0.000                | 0.023                       | 0.000  | 0.792**     | 0.769*      |

Table F-147

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|---------------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                           | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.197                | 0.024                                | 0.250                                       | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.000                | 0.210                                | 0.081                                       | 0.000  | 0.969       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.343                | 0.000                                | 0.023                                       | 0.000  | 0.406       | 0.396       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                | 0.000                                | 0.231                                       | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                | 0.000                                | 0.003                                       | 0.000  | 0.755       | 0.775       |

Table F-148

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|----------------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                            | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.197                | 0.024                                 | 0.344                                        | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000                | 0.210                                 | 0.114                                        | 0.000  | 0.907       | 0.949       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.343                | 0.000                                 | 0.023                                        | 0.000  | 0.401       | 0.392       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                | 0.000                                 | 0.317                                        | 0.000  | 0.942       | 0.391       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                | 0.000                                 | 0.003                                        | 0.000  | 0.755       | 0.772       |

Table F-149

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|-----------------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                           | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.197                | 0.024                                | 0.726                       | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.000                  | 0.000                | 0.210                                | 0.187                       | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.309                  | 0.343                | 0.000                                | 0.023                       | 0.000  | 0.459       |  |
|           | Right         | 0.079                  | 0.000                  | 0.000                | 0.000                                | 0.689                       | 0.000  | 0.768       |  |
|           | Left          | 0.726                  | 0.743                  | 0.000                | 0.000                                | 0.003                       | 0.000  | 0.743*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 29 of 69      |

Table F-150

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 6 GHz WIFI Ant 1b<br>ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | 2.4 GHz Bluetooth<br>Ant 3a ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------------|---------------------------|-------------------------|---------------------------------------------|--------------------------------|--------|-------------|
|           |               | 1                                             | 2                         | 3                       | 4                                           | 5                              | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                         | 0.610                     | 0.197                   | 0.024                                       | 0.726                          | 0.000  | 0.726*      |
|           | Top           | 0.625                                         | 0.000                     | 0.000                   | 0.210                                       | 0.187                          | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                         | 0.309                     | 0.343                   | 0.000                                       | 0.023                          | 0.000  | 0.450       |
|           | Right         | 0.072                                         | 0.000                     | 0.000                   | 0.000                                       | 0.689                          | 0.000  | 0.761       |
|           | Left          | 0.619                                         | 0.743                     | 0.000                   | 0.000                                       | 0.003                          | 0.000  | 0.743*      |

Table F-151

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz WIFI Ant<br>3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.25 ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|--------------------|---------------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                  | 5                                                 | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.694                     | 0.426              | 0.175                                             | 0.158              | 0.000  | 0.694*      | 0.908*      |
|           | Top           | 0.012                      | 0.010                      | 0.258                     | 0.102              | 0.000                                             | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                      | 0.745                      | 0.023                     | 0.002              | 0.088                                             | 0.002              | 0.000  | 0.372       | 0.858       |
|           | Right         | 0.004                      | 0.016                      | 0.618                     | 0.151              | 0.002                                             | 0.000              | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.746                      | 0.045                      | 0.000                     | 0.000              | 0.250                                             | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-152

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 2.4 GHz WIFI Ant<br>3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a Reduced to<br>0.375 ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|---------------------------|--------------------|----------------------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                         | 4                  | 5                                                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.694                     | 0.426              | 0.249                                              | 0.158              | 0.000  | 0.694*      | 0.874*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.258                     | 0.102              | 0.000                                              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.023                     | 0.002              | 0.126                                              | 0.002              | 0.000  | 0.382       | 0.776       |
|           | Right         | 0.003                                          | 0.015                                          | 0.618                     | 0.151              | 0.002                                              | 0.000              | 0.000  | 0.623       | 0.635       |
|           | Left          | 0.625                                          | 0.039                                          | 0.000                     | 0.000              | 0.354                                              | 0.000              | 0.000  | 0.979       | 0.393       |

Table F-153

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|--------------------|--------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                  | 5                              | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.694                     | 0.426              | 0.589                          | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                      | 0.014                      | 0.258                     | 0.102              | 0.000                          | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                      | 0.746                      | 0.023                     | 0.002              | 0.275                          | 0.002              | 0.000  | 0.666       | 0.771*      |
|           | Right         | 0.744                      | 0.058                      | 0.618                     | 0.151              | 0.002                          | 0.000              | 0.000  | 0.746*      | 0.678       |
|           | Left          | 0.003                      | 0.016                      | 0.000                     | 0.000              | 0.664                          | 0.000              | 0.000  | 0.667       | 0.680       |

Table F-154

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 2.4 GHz WIFI Ant<br>3a Reduced to 0.25<br>ER | NB U-NII Ant 3a<br>Reduced to 0.25<br>ER | 2.4 GHz Bluetooth<br>Ant 1a ER | NB U-NII Ant 3c<br>Reduced to 0.25<br>ER | WPT ER | Σ ER        |             |
|-----------|---------------|----------------------------|----------------------------|----------------------------------------------|------------------------------------------|--------------------------------|------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                            | 4                                        | 5                              | 6                                        | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.250                                        | 0.250                                    | 0.589                          | 0.031                                    | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                      | 0.746                      | 0.094                                        | 0.069                                    | 0.000                          | 0.250                                    | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.023                                        | 0.002                                    | 0.275                          | 0.002                                    | 0.000  | 0.340       | 0.330       |
|           | Right         | 0.725                      | 0.086                      | 0.231                                        | 0.088                                    | 0.002                          | 0.000                                    | 0.000  | 0.958       | 0.319       |
|           | Left          | 0.009                      | 0.029                      | 0.000                                        | 0.000                                    | 0.664                          | 0.000                                    | 0.000  | 0.673       | 0.693       |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 30 of 69      |

Table F-155

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                   | 5                           | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.363                               | 0.589                       | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.102                               | 0.000                       | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.002                               | 0.275                       | 0.002                               | 0.000  | 0.335       | 0.326       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.126                               | 0.002                       | 0.000                               | 0.000  | 0.966       | 0.415       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                               | 0.664                       | 0.000                               | 0.000  | 0.673       | 0.690       |

Table F-156

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|--------------------|-----------------------------|------------------------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                  | 4                           | 5                                  | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.426              | 0.589                       | 0.031                              | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.258                  | 0.102              | 0.000                       | 0.250                              | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.023                  | 0.002              | 0.275                       | 0.002                              | 0.000  | 0.393       |  |
|           | Right         | 0.079                  | 0.618                  | 0.151              | 0.002                       | 0.000                              | 0.000  | 0.699       |  |
|           | Left          | 0.726                  | 0.000                  | 0.000              | 0.664                       | 0.000                              | 0.000  | 0.726*      |  |

Table F-157

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|-----------------------------|-------------------------------------|--------|-------------|--|
|           |               | 1                                       | 2                      | 3                  | 4                           | 5                                   | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.426              | 0.589                       | 0.050                               | 0.000  | 0.694*      |  |
|           | Top           | 0.625                                   | 0.258                  | 0.102              | 0.000                       | 0.371                               | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                   | 0.023                  | 0.002              | 0.275                       | 0.002                               | 0.000  | 0.384       |  |
|           | Right         | 0.072                                   | 0.618                  | 0.151              | 0.002                       | 0.000                               | 0.000  | 0.692       |  |
|           | Left          | 0.619                                   | 0.000                  | 0.000              | 0.664                       | 0.000                               | 0.000  | 0.664*      |  |

Table F-158

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.25 ER | NB U-NII Ant 1b Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|---------------------------------------------|------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                           | 5                                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.175                                       | 0.206                              | 0.158              | 0.000  | 0.694*      | 0.939*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.000                                       | 0.000                              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.088                                       | 0.250                              | 0.002              | 0.000  | 0.534       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.002                                       | 0.018                              | 0.000              | 0.000  | 0.640       | 0.652       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.250                                       | 0.044                              | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-159

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a Reduced to 0.375 ER | NB U-NII Ant 1b Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------------------------------|-------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                            | 5                                   | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.249                                        | 0.308                               | 0.158              | 0.000  | 0.702*      | 0.933*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.000                                        | 0.000                               | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.126                                        | 0.371                               | 0.002              | 0.000  | 0.627       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.002                                        | 0.018                               | 0.000              | 0.000  | 0.639       | 0.651       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.354                                        | 0.064                               | 0.000              | 0.000  | 0.979       | 0.393       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 31 of 69      |

Table F-160

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|-----------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                           | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.589                       | 0.356              | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.000                       | 0.000              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.275                       | 0.625              | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.002                       | 0.018              | 0.000              | 0.000  | 0.762*      | 0.694       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.664                       | 0.092              | 0.000              | 0.000  | 0.667       | 0.680       |

Table F-161

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + NB-U-NII Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------|-------------------------|------------------------|-----------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                      | 2                       | 3                      | 4                           | 5                  | 6                  | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                | 0.746                   | 0.023                  | 0.275                       | 0.625              | 0.002              | 0.000  | 0.819**     | 0.771*      |

Table F-162

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|-----------------------------|--------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                           | 5                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.589                       | 0.356              | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.000                       | 0.000              | 0.250                              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.275                       | 0.625              | 0.002                              | 0.000  | 0.690       | 0.680       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.002                       | 0.018              | 0.000                              | 0.000  | 0.974       | 0.335       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.664                       | 0.092              | 0.000                              | 0.000  | 0.673       | 0.693       |

Table F-163

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-----------------------------|--------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                           | 5                  | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.589                       | 0.356              | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.000                       | 0.000              | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.275                       | 0.625              | 0.002                               | 0.000  | 0.685       | 0.676       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.002                       | 0.018              | 0.000                               | 0.000  | 0.982       | 0.431       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.664                       | 0.092              | 0.000                               | 0.000  | 0.673       | 0.690       |

Table F-164

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|-----------------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                           | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.589                       | 0.356              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.000                       | 0.000              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.275                       | 0.625              | 0.002                              | 0.000  | 0.743       |
|           | Right         | 0.079                  | 0.618                  | 0.002                       | 0.018              | 0.000                              | 0.000  | 0.715       |
|           | Left          | 0.726                  | 0.000                  | 0.664                       | 0.092              | 0.000                              | 0.000  | 0.726*      |

Table F-165

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 2.4 GHz Bluetooth Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|-----------------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                           | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.589                       | 0.356              | 0.050                               | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.000                       | 0.000              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.275                       | 0.625              | 0.002                               | 0.000  | 0.734       |
|           | Right         | 0.072                                   | 0.618                  | 0.002                       | 0.018              | 0.000                               | 0.000  | 0.708       |
|           | Left          | 0.619                                   | 0.000                  | 0.664                       | 0.092              | 0.000                               | 0.000  | 0.664*      |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 32 of 69      |

Table F-166

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|-----------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                           | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.726                       | 0.426              | 0.158              | 0.000  | 0.726*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.187                       | 0.102              | 0.744              | 0.000  | 0.943       | 0.941       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.023                       | 0.002              | 0.002              | 0.000  | 0.397       | 0.883       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.689                       | 0.151              | 0.000              | 0.000  | 0.693       | 0.705       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.003                       | 0.000              | 0.000              | 0.000  | 0.996*      | 0.298       |

Table F-167

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-----------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                           | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.726                       | 0.426              | 0.158              | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.187                       | 0.102              | 0.744              | 0.000  | 0.942       | 0.940       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.023                       | 0.002              | 0.002              | 0.000  | 0.425       | 0.819       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.689                       | 0.151              | 0.000              | 0.000  | 0.692       | 0.704       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.003                       | 0.000              | 0.000              | 0.000  | 0.994*      | 0.411       |

Table F-168

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|-----------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                           | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.726                       | 0.426              | 0.158              | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.187                       | 0.102              | 0.744              | 0.000  | 0.954       | 0.945       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.023                       | 0.002              | 0.002              | 0.000  | 0.700       | 0.771*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.689                       | 0.151              | 0.000              | 0.000  | 0.744*      | 0.747       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.003                       | 0.000              | 0.000              | 0.000  | 0.749       | 0.762       |

Table F-169

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|---------------------------------------------|------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                           | 5                                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.250                                       | 0.250                              | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.081                                       | 0.069                              | 0.250                              | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.023                                       | 0.002                              | 0.002                              | 0.000  | 0.374       | 0.364       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.231                                       | 0.088                              | 0.000                              | 0.000  | 0.956       | 0.317       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.003                                       | 0.000                              | 0.000                              | 0.000  | 0.755       | 0.775       |

Table F-170

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                            | 5                                   | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.344                                        | 0.363                               | 0.050                               | 0.000  | 0.988*      | 0.988*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.114                                        | 0.102                               | 0.371                               | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.023                                        | 0.002                               | 0.002                               | 0.000  | 0.369       | 0.360       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.317                                        | 0.126                               | 0.000                               | 0.000  | 0.942       | 0.391       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.003                                        | 0.000                               | 0.000                               | 0.000  | 0.755       | 0.772       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 33 of 69      |

Table F-171

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|------------------------|-----------------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                           | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.726                       | 0.426              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.187                       | 0.102              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.023                       | 0.002              | 0.002                              | 0.000  | 0.427       |
|           | Right         | 0.079                  | 0.000                  | 0.689                       | 0.151              | 0.000                              | 0.000  | 0.768       |
|           | Left          | 0.726                  | 0.743                  | 0.003                       | 0.000              | 0.000                              | 0.000  | 0.743*      |

Table F-172

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 2.4 GHz Bluetooth, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------|------------------------|-----------------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                           | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.726                       | 0.426              | 0.050                               | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.000                  | 0.187                       | 0.102              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.023                       | 0.002              | 0.002                               | 0.000  | 0.418       |
|           | Right         | 0.072                                   | 0.000                  | 0.689                       | 0.151              | 0.000                               | 0.000  | 0.761       |
|           | Left          | 0.619                                   | 0.743                  | 0.003                       | 0.000              | 0.000                               | 0.000  | 0.743*      |

Table F-173

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | NB U-NII Ant 1b Reduced to 0.25 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------------------|-----------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                  | 5                           | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.206                              | 0.726                       | 0.158              | 0.000  | 0.726*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.000                              | 0.187                       | 0.744              | 0.000  | 0.943       | 0.941       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.250                              | 0.023                       | 0.002              | 0.000  | 0.534       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.018                              | 0.689                       | 0.000              | 0.000  | 0.711       | 0.723       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.044                              | 0.003                       | 0.000              | 0.000  | 0.996*      | 0.298       |

Table F-174

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | NB U-NII Ant 1b Reduced to 0.375 ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                   | 5                           | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.308                               | 0.726                       | 0.158              | 0.000  | 0.726*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.000                               | 0.187                       | 0.744              | 0.000  | 0.942       | 0.940       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.371                               | 0.023                       | 0.002              | 0.000  | 0.627       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.018                               | 0.689                       | 0.000              | 0.000  | 0.710       | 0.722       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.064                               | 0.003                       | 0.000              | 0.000  | 0.994*      | 0.411       |

Table F-175

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|-----------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                           | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.356              | 0.726                       | 0.158              | 0.000  | 0.726*      | 0.726*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.000              | 0.187                       | 0.744              | 0.000  | 0.954       | 0.945       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.625              | 0.023                       | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.018              | 0.689                       | 0.000              | 0.000  | 0.762*      | 0.765       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.092              | 0.003                       | 0.000              | 0.000  | 0.749       | 0.762       |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 34 of 69      |

Table F-176

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + NB-U-NII Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------|-------------------------|------------------------|--------------------|-----------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                      | 2                       | 3                      | 4                  | 5                           | 6                  | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                | 0.746                   | 0.309                  | 0.625              | 0.023                       | 0.002              | 0.000  | 0.819**     | 0.771*      |

Table F-177

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|---------------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                                           | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.356              | 0.250                                       | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.000              | 0.081                                       | 0.250                              | 0.000  | 0.759*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.625              | 0.023                                       | 0.002                              | 0.000  | 0.690       | 0.680       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.018              | 0.231                                       | 0.000                              | 0.000  | 0.974       | 0.335       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.092              | 0.003                                       | 0.000                              | 0.000  | 0.755       | 0.775       |

Table F-178

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 2.4 GHz Bluetooth**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|--------------------|----------------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                  | 5                                            | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.356              | 0.344                                        | 0.050                               | 0.000  | 0.969*      | 0.969*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000              | 0.114                                        | 0.371                               | 0.000  | 0.697*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.625              | 0.023                                        | 0.002                               | 0.000  | 0.685       | 0.676       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.018              | 0.317                                        | 0.000                               | 0.000  | 0.960       | 0.409       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.092              | 0.003                                        | 0.000                               | 0.000  | 0.755       | 0.772       |

Table F-179

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------|-----------------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                           | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.356              | 0.726                       | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.000              | 0.187                       | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.625              | 0.023                       | 0.002                              | 0.000  | 0.743       |
|           | Right         | 0.079                  | 0.000                  | 0.018              | 0.689                       | 0.000                              | 0.000  | 0.786       |
|           | Left          | 0.726                  | 0.743                  | 0.092              | 0.003                       | 0.000                              | 0.000  | 0.743*      |

Table F-180

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 2.4 GHz Bluetooth and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 2.4 GHz Bluetooth Ant 3a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|-----------------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                           | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.356              | 0.726                       | 0.050                               | 0.000  | 0.726*      |
|           | Top           | 0.625                                   | 0.000                  | 0.000              | 0.187                       | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.625              | 0.023                       | 0.002                               | 0.000  | 0.734       |
|           | Right         | 0.072                                   | 0.000                  | 0.018              | 0.689                       | 0.000                               | 0.000  | 0.779       |
|           | Left          | 0.619                                   | 0.743                  | 0.092              | 0.003                       | 0.000                               | 0.000  | 0.743*      |

Table F-181

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.691                | 0.177                | 0.181                              | 0.000  | 0.694*      | 0.914*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.161                | 0.746                | 0.000                              | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.000                | 0.008                | 0.100                              | 0.000  | 0.390       | 0.876       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.147                | 0.000                | 0.003                              | 0.000  | 0.625       | 0.637       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.013                | 0.010                | 0.250                              | 0.000  | 0.996*      | 0.318       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 35 of 69      |

Table F-182

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|----------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                    | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.691                | 0.177                | 0.258                               | 0.000  | 0.694*      | 0.883*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.161                | 0.746                | 0.000                               | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.000                | 0.008                | 0.148                               | 0.000  | 0.410       | 0.804       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.147                | 0.000                | 0.003                               | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.013                | 0.010                | 0.358                               | 0.000  | 0.983*      | 0.420       |

Table F-183

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.691                | 0.177                | 0.663              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.161                | 0.746                | 0.000              | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.000                | 0.008                | 0.316              | 0.000  | 0.713       | 0.777*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.147                | 0.000                | 0.003              | 0.000  | 0.747*      | 0.679       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.013                | 0.010                | 0.733              | 0.000  | 0.759       | 0.772       |

Table F-184

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|--------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                                | 0.050                                | 0.663              | 0.000  | 0.989*      | 0.996*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.063                                | 0.250                                | 0.000              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.000                                | 0.316              | 0.000  | 0.379       | 0.369       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.056                                | 0.000                                | 0.003              | 0.000  | 0.959       | 0.320       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.013                                | 0.000                                | 0.733              | 0.000  | 0.755       | 0.775       |

Table F-185

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                                     | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.371                                 | 0.075                                 | 0.663              | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.096                                 | 0.371                                 | 0.000              | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.000                                 | 0.316              | 0.000  | 0.374       | 0.365       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.079                                 | 0.000                                 | 0.003              | 0.000  | 0.967       | 0.416       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.013                                 | 0.000                                 | 0.733              | 0.000  | 0.755       | 0.772       |

Table F-186

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.691                | 0.050                                | 0.663              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.161                | 0.250                                | 0.000              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                | 0.000                                | 0.316              | 0.000  | 0.432       |
|           | Right         | 0.079                  | 0.618                  | 0.147                | 0.000                                | 0.003              | 0.000  | 0.700       |
|           | Left          | 0.726                  | 0.000                  | 0.013                | 0.000                                | 0.733              | 0.000  | 0.739*      |

Table F-187

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                    | 4                                     | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.691                | 0.075                                 | 0.663              | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.161                | 0.371                                 | 0.000              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.000                | 0.000                                 | 0.316              | 0.000  | 0.423       |
|           | Right         | 0.072                                   | 0.618                  | 0.147                | 0.000                                 | 0.003              | 0.000  | 0.693       |
|           | Left          | 0.619                                   | 0.000                  | 0.013                | 0.000                                 | 0.733              | 0.000  | 0.733*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 36 of 69      |

Table F-188

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.295                | 0.024                | 0.181                              | 0.000  | 0.694*      | 0.914*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.102                | 0.210                | 0.000                              | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.001                | 0.000                | 0.100                              | 0.000  | 0.382       | 0.868       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.072                | 0.000                | 0.003                              | 0.000  | 0.625       | 0.637       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.003                | 0.000                | 0.250                              | 0.000  | 0.996*      | 0.298       |

Table F-189

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|----------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                    | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.295                | 0.024                | 0.258                               | 0.000  | 0.694*      | 0.883*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.102                | 0.210                | 0.000                               | 0.000  | 0.479       | 0.477       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.001                | 0.000                | 0.148                               | 0.000  | 0.402       | 0.796       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.072                | 0.000                | 0.003                               | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.003                | 0.000                | 0.358                               | 0.000  | 0.986       | 0.400       |

Table F-190

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.295                | 0.024                | 0.663              | 0.000  | 0.694*      | 0.995*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.102                | 0.210                | 0.000              | 0.000  | 0.491       | 0.482       |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.001                | 0.000                | 0.316              | 0.000  | 0.705       | 0.769*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.072                | 0.000                | 0.003              | 0.000  | 0.747*      | 0.679       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.003                | 0.000                | 0.733              | 0.000  | 0.739       | 0.752       |

Table F-191

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|--------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                                | 0.024                                | 0.663              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.088                                | 0.210                                | 0.000              | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.000                                | 0.316              | 0.000  | 0.379       | 0.369       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.063                                | 0.000                                | 0.003              | 0.000  | 0.959       | 0.320       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.003                                | 0.000                                | 0.733              | 0.000  | 0.745       | 0.765       |

Table F-192

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                                     | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.295                                 | 0.024                                 | 0.663              | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.102                                 | 0.210                                 | 0.000              | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.001                                 | 0.000                                 | 0.316              | 0.000  | 0.374       | 0.365       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.072                                 | 0.000                                 | 0.003              | 0.000  | 0.967       | 0.416       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.003                                 | 0.000                                 | 0.733              | 0.000  | 0.745       | 0.762       |

Table F-193

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|--------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                  | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.295                | 0.024                                | 0.663              | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.258                  | 0.102                | 0.210                                | 0.000              | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.023                  | 0.001                | 0.000                                | 0.316              | 0.000  | 0.432       |  |
|           | Right         | 0.079                  | 0.618                  | 0.072                | 0.000                                | 0.003              | 0.000  | 0.700       |  |
|           | Left          | 0.726                  | 0.000                  | 0.003                | 0.000                                | 0.733              | 0.000  | 0.733*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 37 of 69      |

Table F-194

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 2.4 GHz WIFI Ant<br>3a ER | 6 GHz WIFI Ant 3a<br>ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------------|---------------------------|-------------------------|---------------------------------------------|--------------------|--------|-------------|--|
|           |               | 1                                             | 2                         | 3                       | 4                                           | 5                  | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                         | 0.694                     | 0.295                   | 0.024                                       | 0.663              | 0.000  | 0.694*      |  |
|           | Top           | 0.625                                         | 0.258                     | 0.102                   | 0.210                                       | 0.000              | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                         | 0.023                     | 0.001                   | 0.000                                       | 0.316              | 0.000  | 0.423       |  |
|           | Right         | 0.072                                         | 0.618                     | 0.072                   | 0.000                                       | 0.003              | 0.000  | 0.693       |  |
|           | Left          | 0.619                                         | 0.000                     | 0.003                   | 0.000                                       | 0.733              | 0.000  | 0.733*      |  |

Table F-195

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz WIFI Ant<br>3a ER | 5 GHz WIFI Ant 3c<br>ER | 5 GHz WIFI Ant 1b<br>Reduced to 0.25<br>ER | 802.15.4 Ant 1a<br>Reduced to 0.25<br>ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|--------------------------------------------|------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                                          | 6                                        | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.694                     | 0.177                   | 0.231                                      | 0.181                                    | 0.000  | 0.694*      | 0.964*      |
|           | Top           | 0.012                      | 0.010                      | 0.258                     | 0.746                   | 0.000                                      | 0.000                                    | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.259                      | 0.745                      | 0.023                     | 0.008                   | 0.250                                      | 0.100                                    | 0.000  | 0.540       | 0.995*      |
|           | Right         | 0.004                      | 0.016                      | 0.618                     | 0.000                   | 0.023                                      | 0.003                                    | 0.000  | 0.645       | 0.657       |
|           | Left          | 0.746                      | 0.045                      | 0.000                     | 0.010                   | 0.065                                      | 0.250                                    | 0.000  | 0.996*      | 0.305       |

Table F-196

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 2.4 GHz WIFI Ant<br>3a ER | 5 GHz WIFI Ant 3c<br>ER | 5 GHz WIFI Ant 1b<br>Reduced to 0.375<br>ER | 802.15.4 Ant 1a<br>Reduced to 0.375<br>ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|---------------------------|-------------------------|---------------------------------------------|-------------------------------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                         | 4                       | 5                                           | 6                                         | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.694                     | 0.177                   | 0.344                                       | 0.258                                     | 0.000  | 0.738*      | 0.969*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.258                     | 0.746                   | 0.000                                       | 0.000                                     | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.023                     | 0.008                   | 0.371                                       | 0.148                                     | 0.000  | 0.633       | 0.996*      |
|           | Right         | 0.003                                          | 0.015                                          | 0.618                     | 0.000                   | 0.023                                       | 0.003                                     | 0.000  | 0.644       | 0.656       |
|           | Left          | 0.625                                          | 0.039                                          | 0.000                     | 0.010                   | 0.065                                       | 0.358                                     | 0.000  | 0.993       | 0.407       |

Table F-197

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>3a ER | 5 GHz WIFI Ant 3c<br>ER | 5 GHz WIFI Ant 1b<br>ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.694                     | 0.177                   | 0.602                   | 0.663              | 0.000  | 0.694*      | 0.969*      |
|           | Top           | 0.023                      | 0.014                      | 0.258                     | 0.746                   | 0.000                   | 0.000              | 0.000  | 0.746*      | 0.746*      |
|           | Bottom        | 0.366                      | 0.746                      | 0.023                     | 0.008                   | 0.744                   | 0.316              | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                      | 0.058                      | 0.618                     | 0.000                   | 0.023                   | 0.003              | 0.000  | 0.767*      | 0.699       |
|           | Left          | 0.003                      | 0.016                      | 0.000                     | 0.010                   | 0.108                   | 0.733              | 0.000  | 0.746       | 0.759       |

Table F-198

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | NR Band n41 Ant<br>2b + 5 GHz WIFI<br>Ant 1b ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>3a ER | 5 GHz WIFI Ant 3c<br>ER | 5 GHz WIFI Ant 1b<br>ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------------------------------|----------------------------|---------------------------|-------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                               | 2                          | 3                         | 4                       | 5                       | 6                  | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                         | 0.746                      | 0.023                     | 0.008                   | 0.744                   | 0.316              | 0.000  | 0.844**     | 0.777*      |

Table F-199

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 2.4 GHz WIFI Ant<br>3a Reduced to 0.25<br>ER | 5 GHz WIFI Ant 3c<br>Reduced to 0.25<br>ER | 5 GHz WIFI Ant 1b<br>ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|----------------------------------------------|--------------------------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                            | 4                                          | 5                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.250                                        | 0.050                                      | 0.602                   | 0.663              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                      | 0.746                      | 0.094                                        | 0.250                                      | 0.000                   | 0.000              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.023                                        | 0.000                                      | 0.744                   | 0.316              | 0.000  | 0.807       | 0.797       |
|           | Right         | 0.725                      | 0.086                      | 0.231                                        | 0.000                                      | 0.023                   | 0.003              | 0.000  | 0.979       | 0.340       |
|           | Left          | 0.009                      | 0.029                      | 0.000                                        | 0.000                                      | 0.108                   | 0.733              | 0.000  | 0.742       | 0.762       |

|                            |                    |                              |
|----------------------------|--------------------|------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:                 |
|                            |                    | Technical Manager            |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 38 of 69 |

Table F-200

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.075                                 | 0.602                | 0.663              | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.371                                 | 0.000                | 0.000              | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.744                | 0.316              | 0.000  | 0.802       | 0.793       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                                 | 0.023                | 0.003              | 0.000  | 0.987       | 0.436       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                                 | 0.108                | 0.733              | 0.000  | 0.742       | 0.759       |

Table F-201

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.050                                | 0.602                | 0.663              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.250                                | 0.000                | 0.000              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                                | 0.744                | 0.316              | 0.000  | 0.860       |
|           | Right         | 0.079                  | 0.618                  | 0.000                                | 0.023                | 0.003              | 0.000  | 0.720       |
|           | Left          | 0.726                  | 0.000                  | 0.000                                | 0.108                | 0.733              | 0.000  | 0.733*      |

Table F-202

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.075                                 | 0.602                | 0.663              | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.371                                 | 0.000                | 0.000              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.000                                 | 0.744                | 0.316              | 0.000  | 0.851       |
|           | Right         | 0.072                                   | 0.618                  | 0.000                                 | 0.023                | 0.003              | 0.000  | 0.713       |
|           | Left          | 0.619                                   | 0.000                  | 0.000                                 | 0.108                | 0.733              | 0.000  | 0.733*      |

Table F-203

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 802.15.4 Ant 1a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.024                | 0.144                                | 0.181                              | 0.000  | 0.694*      | 0.914*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.210                | 0.000                                | 0.000                              | 0.000  | 0.480       | 0.478       |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.000                | 0.250                                | 0.100                              | 0.000  | 0.532       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.000                | 0.000                                | 0.003                              | 0.000  | 0.625       | 0.637       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.000                | 0.000                                | 0.250                              | 0.000  | 0.996*      | 0.295       |

Table F-204

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 802.15.4 Ant 1a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.024                | 0.197                                 | 0.258                               | 0.000  | 0.694*      | 0.883*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.210                | 0.000                                 | 0.000                               | 0.000  | 0.479       | 0.482       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.000                | 0.343                                 | 0.148                               | 0.000  | 0.597       | 0.991       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.000                | 0.000                                 | 0.003                               | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.000                | 0.000                                 | 0.358                               | 0.000  | 0.983       | 0.397       |

Table F-205

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.024                | 0.197                | 0.663              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.210                | 0.000                | 0.000              | 0.000  | 0.491       | 0.482       |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.000                | 0.343                | 0.316              | 0.000  | 0.732       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.000                | 0.000                | 0.003              | 0.000  | 0.747*      | 0.679       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.000                | 0.000                | 0.733              | 0.000  | 0.736       | 0.749       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 39 of 69      |

**Table F-206**  
**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.023                  | 0.000                | 0.343                | 0.316              | 0.000  | 0.769*      | 0.769*      |

**Table F-207**  
**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.024                                | 0.197                | 0.663              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.210                                | 0.000                | 0.000              | 0.000  | 0.982       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.000                                | 0.343                | 0.316              | 0.000  | 0.406       | 0.396       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.000                                | 0.000                | 0.003              | 0.000  | 0.959       | 0.320       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.000                                | 0.000                | 0.733              | 0.000  | 0.742       | 0.762       |

**Table F-208**  
**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.024                                 | 0.197                | 0.663              | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.210                                 | 0.000                | 0.000              | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.000                                 | 0.343                | 0.316              | 0.000  | 0.401       | 0.392       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.000                                 | 0.000                | 0.003              | 0.000  | 0.967       | 0.416       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                                 | 0.000                | 0.733              | 0.000  | 0.742       | 0.759       |

**Table F-209**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.024                                | 0.197                | 0.663              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.210                                | 0.000                | 0.000              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.000                                | 0.343                | 0.316              | 0.000  | 0.459       |
|           | Right         | 0.079                  | 0.618                  | 0.000                                | 0.000                | 0.003              | 0.000  | 0.700       |
|           | Left          | 0.726                  | 0.000                  | 0.000                                | 0.000                | 0.733              | 0.000  | 0.733*      |

**Table F-210**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 1b ER | 802.15.4 Ant 1a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.024                                 | 0.197                | 0.663              | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.210                                 | 0.000                | 0.000              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.000                                 | 0.343                | 0.316              | 0.000  | 0.450       |
|           | Right         | 0.072                                   | 0.618                  | 0.000                                 | 0.000                | 0.003              | 0.000  | 0.693       |
|           | Left          | 0.619                                   | 0.000                  | 0.000                                 | 0.000                | 0.733              | 0.000  | 0.733*      |

**Table F-211**  
**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.177                | 0.691                | 0.534              | 0.000  | 0.691*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.746                | 0.161                | 0.203              | 0.000  | 0.961       | 0.959       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.008                | 0.000                | 0.028              | 0.000  | 0.408       | 0.894       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                | 0.147                | 0.590              | 0.000  | 0.594       | 0.606       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.010                | 0.013                | 0.000              | 0.000  | 0.996*      | 0.318       |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 40 of 69      |

Table F-212

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.177                | 0.691                | 0.534              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.746                | 0.161                | 0.203              | 0.000  | 0.960       | 0.958       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.008                | 0.000                | 0.028              | 0.000  | 0.436       | 0.830       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                | 0.147                | 0.590              | 0.000  | 0.593       | 0.605       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.010                | 0.013                | 0.000              | 0.000  | 0.994*      | 0.431       |

Table F-213

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c ER | 5 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.177                | 0.691                | 0.534              | 0.000  | 0.691*      | 0.691*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.746                | 0.161                | 0.203              | 0.000  | 0.972       | 0.963       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.008                | 0.000                | 0.028              | 0.000  | 0.711       | 0.782*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.147                | 0.590              | 0.000  | 0.744*      | 0.648       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.010                | 0.013                | 0.000              | 0.000  | 0.769       | 0.782       |

Table F-214

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a Reduced to 0.25 ER | 802.15.4 Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------------------------|--------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                    | 5                                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.050                                | 0.250                                | 0.213                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.250                                | 0.063                                | 0.100                              | 0.000  | 0.778*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.000                                | 0.000                                | 0.028                              | 0.000  | 0.377       | 0.367       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                                | 0.056                                | 0.250                              | 0.000  | 0.975       | 0.336       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                                | 0.013                                | 0.000                              | 0.000  | 0.765       | 0.785       |

Table F-215

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 3a Reduced to 0.375 ER | 802.15.4 Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|---------------------------------------|---------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                     | 5                                     | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.075                                 | 0.371                                 | 0.306                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.371                                 | 0.096                                 | 0.139                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.000                                 | 0.000                                 | 0.028                               | 0.000  | 0.372       | 0.363       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                                 | 0.079                                 | 0.355                               | 0.000  | 0.980       | 0.429       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                                 | 0.013                                 | 0.000                               | 0.000  | 0.765       | 0.782       |

Table F-216

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 5 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.050                                | 0.691                | 0.534              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.250                                | 0.161                | 0.203              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.000                                | 0.000                | 0.028              | 0.000  | 0.430       |
|           | Right         | 0.079                  | 0.000                  | 0.000                                | 0.147                | 0.590              | 0.000  | 0.669       |
|           | Left          | 0.726                  | 0.743                  | 0.000                                | 0.013                | 0.000              | 0.000  | 0.743*      |

Table F-217

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 5 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                                     | 4                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.075                                 | 0.691                | 0.534              | 0.000  | 0.691*      |
|           | Top           | 0.625                                   | 0.000                  | 0.371                                 | 0.161                | 0.203              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.000                                 | 0.000                | 0.028              | 0.000  | 0.421       |
|           | Right         | 0.072                                   | 0.000                  | 0.000                                 | 0.147                | 0.590              | 0.000  | 0.662       |
|           | Left          | 0.619                                   | 0.743                  | 0.000                                 | 0.013                | 0.000              | 0.000  | 0.743*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 41 of 69      |

Table F-218

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.024                | 0.295                | 0.534              | 0.000  | 0.666*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.210                | 0.102                | 0.203              | 0.000  | 0.425       | 0.423       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.000                | 0.001                | 0.028              | 0.000  | 0.400       | 0.886       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                | 0.072                | 0.590              | 0.000  | 0.594       | 0.606       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.000                | 0.003                | 0.000              | 0.000  | 0.996*      | 0.298       |

Table F-219

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.024                | 0.295                | 0.534              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.210                | 0.102                | 0.203              | 0.000  | 0.424       | 0.422       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.000                | 0.001                | 0.028              | 0.000  | 0.428       | 0.822       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                | 0.072                | 0.590              | 0.000  | 0.593       | 0.605       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.000                | 0.003                | 0.000              | 0.000  | 0.994*      | 0.411       |

Table F-220

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c ER | 6 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.024                | 0.295                | 0.534              | 0.000  | 0.610*      | 0.610*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.210                | 0.102                | 0.203              | 0.000  | 0.436       | 0.427       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.000                | 0.001                | 0.028              | 0.000  | 0.703       | 0.774*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.072                | 0.590              | 0.000  | 0.744*      | 0.648       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.000                | 0.003                | 0.000              | 0.000  | 0.749       | 0.762       |

Table F-221

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 3a Reduced to 0.25 ER | 802.15.4 Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------------------------|--------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                    | 5                                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.024                                | 0.250                                | 0.213                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.210                                | 0.088                                | 0.100                              | 0.000  | 0.988       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.000                                | 0.000                                | 0.028                              | 0.000  | 0.377       | 0.367       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                                | 0.063                                | 0.250                              | 0.000  | 0.975       | 0.336       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                                | 0.003                                | 0.000                              | 0.000  | 0.755       | 0.775       |

Table F-222

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 6 GHz WIFI Ant 3a Reduced to 0.375 ER | 802.15.4 Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|---------------------------------------|---------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                     | 5                                     | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.024                                 | 0.295                                 | 0.306                               | 0.000  | 0.931*      | 0.931*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.210                                 | 0.102                                 | 0.139                               | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.000                                 | 0.001                                 | 0.028                               | 0.000  | 0.372       | 0.363       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                                 | 0.072                                 | 0.355                               | 0.000  | 0.980       | 0.429       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                                 | 0.003                                 | 0.000                               | 0.000  | 0.755       | 0.772       |

Table F-223

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 6 GHz WIFI Ant 3a ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|------------------------|------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|--|
|           |               | 1                      | 2                      | 3                                    | 4                    | 5                  | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.024                                | 0.295                | 0.534              | 0.000  | 0.745*      |  |
|           | Top           | 0.746                  | 0.000                  | 0.210                                | 0.102                | 0.203              | 0.000  | 0.746*      |  |
|           | Bottom        | 0.093                  | 0.309                  | 0.000                                | 0.001                | 0.028              | 0.000  | 0.430       |  |
|           | Right         | 0.079                  | 0.000                  | 0.000                                | 0.072                | 0.590              | 0.000  | 0.669       |  |
|           | Left          | 0.726                  | 0.743                  | 0.000                                | 0.003                | 0.000              | 0.000  | 0.743*      |  |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 42 of 69      |

Table F-224

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4<br>Reduced to 0.625<br>ER | 2.4 GHz WIFI Ant<br>1a ER | 6 GHz WIFI Ant 3c<br>Reduced to 0.375<br>ER | 6 GHz WIFI Ant 3a<br>ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |  |
|-----------|---------------|-----------------------------------------------|---------------------------|---------------------------------------------|-------------------------|--------------------|--------|-------------|--|
|           |               | 1                                             | 2                         | 3                                           | 4                       | 5                  | 6      | 1+2+3+4+5+6 |  |
| Body SAR  | Back          | 0.625                                         | 0.610                     | 0.024                                       | 0.295                   | 0.534              | 0.000  | 0.625*      |  |
|           | Top           | 0.625                                         | 0.000                     | 0.210                                       | 0.102                   | 0.203              | 0.000  | 0.625*      |  |
|           | Bottom        | 0.084                                         | 0.309                     | 0.000                                       | 0.001                   | 0.028              | 0.000  | 0.421       |  |
|           | Right         | 0.072                                         | 0.000                     | 0.000                                       | 0.072                   | 0.590              | 0.000  | 0.662       |  |
|           | Left          | 0.619                                         | 0.743                     | 0.000                                       | 0.003                   | 0.000              | 0.000  | 0.743*      |  |

Table F-225

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>1a ER | Cellular Band Ant<br>1b ER | 2.4 GHz WIFI Ant<br>1a Reduced to 0.25<br>ER | 5 GHz WIFI Ant 1b<br>Reduced to 0.25<br>ER | 5 GHz WIFI Ant 3c<br>ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|----------------------------------------------|--------------------------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                                            | 4                                          | 5                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                      | 0.733                      | 0.213                                        | 0.231                                      | 0.177                   | 0.534              | 0.000  | 0.684*      | 0.964*      |
|           | Top           | 0.012                      | 0.010                      | 0.000                                        | 0.000                                      | 0.746                   | 0.203              | 0.000  | 0.961       | 0.959       |
|           | Bottom        | 0.259                      | 0.745                      | 0.113                                        | 0.250                                      | 0.008                   | 0.028              | 0.000  | 0.545       | 0.995*      |
|           | Right         | 0.004                      | 0.016                      | 0.000                                        | 0.023                                      | 0.000                   | 0.590              | 0.000  | 0.617       | 0.629       |
|           | Left          | 0.746                      | 0.045                      | 0.250                                        | 0.065                                      | 0.010                   | 0.000              | 0.000  | 0.996*      | 0.305       |

Table F-226

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>1a Reduced to<br>0.625 ER | Cellular Band Ant<br>1b Reduced to<br>0.625 ER | 2.4 GHz WIFI Ant<br>1a Reduced to<br>0.375 ER | 5 GHz WIFI Ant 1b<br>Reduced to 0.375<br>ER | 5 GHz WIFI Ant 3c<br>ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|---------------------------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                              | 2                                              | 3                                             | 4                                           | 5                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                          | 0.625                                          | 0.314                                         | 0.344                                       | 0.177                   | 0.534              | 0.000  | 0.738*      | 0.969*      |
|           | Top           | 0.011                                          | 0.009                                          | 0.000                                         | 0.000                                       | 0.746                   | 0.203              | 0.000  | 0.960       | 0.958       |
|           | Bottom        | 0.231                                          | 0.625                                          | 0.169                                         | 0.371                                       | 0.008                   | 0.028              | 0.000  | 0.638       | 0.996*      |
|           | Right         | 0.003                                          | 0.015                                          | 0.000                                         | 0.023                                       | 0.000                   | 0.590              | 0.000  | 0.616       | 0.628       |
|           | Left          | 0.625                                          | 0.039                                          | 0.369                                         | 0.065                                       | 0.010                   | 0.000              | 0.000  | 0.994*      | 0.418       |

Table F-227

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>2a ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>1a ER | 5 GHz WIFI Ant 1b<br>ER | 5 GHz WIFI Ant 3c<br>ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                       | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                      | 0.544                      | 0.610                     | 0.602                   | 0.177                   | 0.534              | 0.000  | 0.610*      | 0.610*      |
|           | Top           | 0.023                      | 0.014                      | 0.000                     | 0.000                   | 0.746                   | 0.203              | 0.000  | 0.972       | 0.963       |
|           | Bottom        | 0.366                      | 0.746                      | 0.309                     | 0.744                   | 0.008                   | 0.028              | 0.000  | 0.744*      | See Note 1  |
|           | Right         | 0.744                      | 0.058                      | 0.000                     | 0.023                   | 0.000                   | 0.590              | 0.000  | 0.767*      | 0.671       |
|           | Left          | 0.003                      | 0.016                      | 0.743                     | 0.108                   | 0.010                   | 0.000              | 0.000  | 0.756       | 0.769       |

Table F-228

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | NR Band n41 Ant<br>2b + 5 GHz WIFI<br>Ant 1b ER | Cellular Band Ant<br>2b ER | 2.4 GHz WIFI Ant<br>1a ER | 5 GHz WIFI Ant 1b<br>ER | 5 GHz WIFI Ant 3c<br>ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------------------------------|----------------------------|---------------------------|-------------------------|-------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                               | 2                          | 3                         | 4                       | 5                       | 6                  | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.813**                                         | 0.746                      | 0.309                     | 0.744                   | 0.008                   | 0.028              | 0.000  | 0.849**     | 0.782*      |

Table F-229

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant<br>3a ER | Cellular Band Ant<br>3b ER | 2.4 GHz WIFI Ant<br>1a ER | 5 GHz WIFI Ant 1b<br>ER | 5 GHz WIFI Ant 3c<br>Reduced to 0.25<br>ER | 802.15.4 Ant 3a<br>Reduced to 0.25<br>ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------|----------------------------|---------------------------|-------------------------|--------------------------------------------|------------------------------------------|--------|-------------|-------------|
|           |               | 1                          | 2                          | 3                         | 4                       | 5                                          | 6                                        | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                      | 0.745                      | 0.610                     | 0.602                   | 0.050                                      | 0.213                                    | 0.000  | 0.952*      | 0.958*      |
|           | Top           | 0.678                      | 0.746                      | 0.000                     | 0.000                   | 0.250                                      | 0.100                                    | 0.000  | 0.778*      | 0.996*      |
|           | Bottom        | 0.040                      | 0.030                      | 0.309                     | 0.744                   | 0.000                                      | 0.028                                    | 0.000  | 0.812       | 0.802       |
|           | Right         | 0.725                      | 0.086                      | 0.000                     | 0.023                   | 0.000                                      | 0.250                                    | 0.000  | 0.975*      | 0.359       |
|           | Left          | 0.009                      | 0.029                      | 0.743                     | 0.108                   | 0.000                                      | 0.000                                    | 0.000  | 0.752       | 0.772       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 43 of 69      |

Table F-230

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.602                | 0.075                                 | 0.306                               | 0.000  | 0.931*      | 0.931*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000                | 0.371                                 | 0.139                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.744                | 0.000                                 | 0.028                               | 0.000  | 0.807       | 0.798       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.023                | 0.000                                 | 0.355                               | 0.000  | 0.980*      | 0.452       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.108                | 0.000                                 | 0.000                               | 0.000  | 0.752       | 0.769       |

Table F-231

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.602                | 0.050                                | 0.534              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.000                | 0.250                                | 0.203              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.744                | 0.000                                | 0.028              | 0.000  | 0.865       |
|           | Right         | 0.079                  | 0.000                  | 0.023                | 0.000                                | 0.590              | 0.000  | 0.692       |
|           | Left          | 0.726                  | 0.743                  | 0.108                | 0.000                                | 0.000              | 0.000  | 0.743*      |

Table F-232

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 5 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 5 GHz WIFI Ant 1b ER | 5 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                    | 4                                     | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.602                | 0.075                                 | 0.534              | 0.000  | 0.625*      |
|           | Top           | 0.625                                   | 0.000                  | 0.000                | 0.371                                 | 0.203              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.744                | 0.000                                 | 0.028              | 0.000  | 0.856       |
|           | Right         | 0.072                                   | 0.000                  | 0.023                | 0.000                                 | 0.590              | 0.000  | 0.685       |
|           | Left          | 0.619                                   | 0.743                  | 0.108                | 0.000                                 | 0.000              | 0.000  | 0.743*      |

Table F-233

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 6 GHz WIFI Ant 1b Reduced to 0.25 ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.144                                | 0.024                | 0.534              | 0.000  | 0.666*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.000                                | 0.210                | 0.203              | 0.000  | 0.425       | 0.423       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.250                                | 0.000                | 0.028              | 0.000  | 0.537       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.000                                | 0.000                | 0.590              | 0.000  | 0.594       | 0.606       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.000                                | 0.000                | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-234

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 6 GHz WIFI Ant 1b Reduced to 0.375 ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                     | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.197                                 | 0.024                | 0.534              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.000                                 | 0.210                | 0.203              | 0.000  | 0.424       | 0.422       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.343                                 | 0.000                | 0.028              | 0.000  | 0.602       | 0.968*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.000                                 | 0.000                | 0.590              | 0.000  | 0.593       | 0.605       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.000                                 | 0.000                | 0.000              | 0.000  | 0.994       | 0.408       |

Table F-235

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.197                | 0.024                | 0.534              | 0.000  | 0.610*      | 0.610*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.000                | 0.210                | 0.203              | 0.000  | 0.436       | 0.427       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.343                | 0.000                | 0.028              | 0.000  | 0.737       | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.000                | 0.000                | 0.590              | 0.000  | 0.744*      | 0.648       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.000                | 0.000                | 0.000              | 0.000  | 0.746       | 0.759       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 44 of 69      |

**Table F-236**  
**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + 6 GHz WIFI Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|-------------------------|------------------------|----------------------|----------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                       | 3                      | 4                    | 5                    | 6                  | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.769**                                  | 0.746                   | 0.309                  | 0.343                | 0.000                | 0.028              | 0.000  | 0.797*      | 0.774*      |

**Table F-237**  
**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 3a Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                    | 5                                    | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.197                | 0.024                                | 0.213                              | 0.000  | 0.952*      | 0.958*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.000                | 0.210                                | 0.100                              | 0.000  | 0.988       | 0.956*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.343                | 0.000                                | 0.028                              | 0.000  | 0.411       | 0.401       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.000                | 0.000                                | 0.250                              | 0.000  | 0.975       | 0.336       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                | 0.000                                | 0.000                              | 0.000  | 0.752       | 0.772       |

**Table F-238**  
**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 3a Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|----------------------|---------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                    | 5                                     | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.197                | 0.024                                 | 0.306                               | 0.000  | 0.931*      | 0.931*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000                | 0.210                                 | 0.139                               | 0.000  | 0.932       | 0.974       |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.343                | 0.000                                 | 0.028                               | 0.000  | 0.406       | 0.397       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.000                | 0.000                                 | 0.355                               | 0.000  | 0.980       | 0.429       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                | 0.000                                 | 0.000                               | 0.000  | 0.752       | 0.769       |

**Table F-239**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.25 ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|----------------------|--------------------------------------|--------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                    | 4                                    | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.197                | 0.024                                | 0.534              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.000                | 0.210                                | 0.203              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.343                | 0.000                                | 0.028              | 0.000  | 0.464       |
|           | Right         | 0.079                  | 0.000                  | 0.000                | 0.000                                | 0.590              | 0.000  | 0.669       |
|           | Left          | 0.726                  | 0.743                  | 0.000                | 0.000                                | 0.000              | 0.000  | 0.743*      |

**Table F-240**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 6 GHz WIFI MIMO, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 6 GHz WIFI Ant 1b ER | 6 GHz WIFI Ant 3c Reduced to 0.375 ER | 802.15.4 Ant 3a ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|----------------------|---------------------------------------|--------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                    | 4                                     | 5                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.197                | 0.024                                 | 0.534              | 0.000  | 0.625*      |
|           | Top           | 0.625                                   | 0.000                  | 0.000                | 0.210                                 | 0.203              | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.343                | 0.000                                 | 0.028              | 0.000  | 0.455       |
|           | Right         | 0.072                                   | 0.000                  | 0.000                | 0.000                                 | 0.590              | 0.000  | 0.662       |
|           | Left          | 0.619                                   | 0.743                  | 0.000                | 0.000                                 | 0.000              | 0.000  | 0.743*      |

**Table F-241**  
**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII Tx/BF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 802.15.4 Ant 1a Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.426              | 0.181                              | 0.158              | 0.000  | 0.694*      | 0.914*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.102              | 0.000                              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.002              | 0.100                              | 0.002              | 0.000  | 0.384       | 0.870       |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.151              | 0.003                              | 0.000              | 0.000  | 0.625       | 0.637       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.000              | 0.250                              | 0.000              | 0.000  | 0.996*      | 0.295       |

|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 45 of 69      |

Table F-242

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 802.15.4 Ant 1a Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|--------------------|-------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                  | 5                                   | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.426              | 0.258                               | 0.158              | 0.000  | 0.694*      | 0.883*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.102              | 0.000                               | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.002              | 0.148                               | 0.002              | 0.000  | 0.404       | 0.798       |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.151              | 0.003                               | 0.000              | 0.000  | 0.624       | 0.636       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.000              | 0.358                               | 0.000              | 0.000  | 0.983       | 0.397       |

Table F-243

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.426              | 0.663              | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.102              | 0.000              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.002              | 0.316              | 0.002              | 0.000  | 0.707       | 0.771*      |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.151              | 0.003              | 0.000              | 0.000  | 0.747*      | 0.679       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.000              | 0.733              | 0.000              | 0.000  | 0.736       | 0.749       |

Table F-244

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3a Reduced to 0.25 ER | 802.15.4 Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------------------|--------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                  | 5                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.250                              | 0.663              | 0.031                              | 0.000  | 0.989*      | 0.996*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.069                              | 0.000              | 0.250                              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.002                              | 0.316              | 0.002                              | 0.000  | 0.381       | 0.371       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.088                              | 0.003              | 0.000                              | 0.000  | 0.959       | 0.320       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.000                              | 0.733              | 0.000                              | 0.000  | 0.742       | 0.762       |

Table F-245

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | 802.15.4 Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-------------------------------------|--------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                   | 5                  | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.363                               | 0.663              | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.102                               | 0.000              | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.002                               | 0.316              | 0.002                               | 0.000  | 0.376       | 0.367       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.126                               | 0.003              | 0.000                               | 0.000  | 0.967       | 0.416       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.000                               | 0.733              | 0.000                               | 0.000  | 0.742       | 0.759       |

Table F-246

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.426              | 0.663              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.102              | 0.000              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.002              | 0.316              | 0.002                              | 0.000  | 0.434       |
|           | Right         | 0.079                  | 0.618                  | 0.151              | 0.003              | 0.000                              | 0.000  | 0.700       |
|           | Left          | 0.726                  | 0.000                  | 0.000              | 0.733              | 0.000                              | 0.000  | 0.733*      |

Table F-247

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | NB U-NII Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.426              | 0.663              | 0.050                               | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.102              | 0.000              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.002              | 0.316              | 0.002                               | 0.000  | 0.425       |
|           | Right         | 0.072                                   | 0.618                  | 0.151              | 0.003              | 0.000                               | 0.000  | 0.693       |
|           | Left          | 0.619                                   | 0.000                  | 0.000              | 0.733              | 0.000                               | 0.000  | 0.733*      |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 46 of 69      |

Table F-248

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a Reduced to 0.25 ER | NB U-NII Ant 1b Reduced to 0.25 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|------------------------------------|------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                  | 5                                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.694                  | 0.181                              | 0.206                              | 0.158              | 0.000  | 0.694*      | 0.939*      |
|           | Top           | 0.012                   | 0.010                   | 0.258                  | 0.000                              | 0.000                              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.259                   | 0.745                   | 0.023                  | 0.100                              | 0.250                              | 0.002              | 0.000  | 0.534       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.618                  | 0.003                              | 0.018                              | 0.000              | 0.000  | 0.640       | 0.652       |
|           | Left          | 0.746                   | 0.045                   | 0.000                  | 0.250                              | 0.044                              | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-249

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a Reduced to 0.375 ER | NB U-NII Ant 1b Reduced to 0.375 ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|-------------------------------------|-------------------------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                   | 5                                   | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.694                  | 0.258                               | 0.308                               | 0.158              | 0.000  | 0.702*      | 0.933*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.258                  | 0.000                               | 0.000                               | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.023                  | 0.148                               | 0.371                               | 0.002              | 0.000  | 0.627       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.618                  | 0.003                               | 0.018                               | 0.000              | 0.000  | 0.639       | 0.651       |
|           | Left          | 0.625                                    | 0.039                                    | 0.000                  | 0.358                               | 0.064                               | 0.000              | 0.000  | 0.983       | 0.397       |

Table F-250

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.694                  | 0.663              | 0.356              | 0.158              | 0.000  | 0.694*      | 0.694*      |
|           | Top           | 0.023                   | 0.014                   | 0.258                  | 0.000              | 0.000              | 0.744              | 0.000  | 0.744*      | 0.744*      |
|           | Bottom        | 0.366                   | 0.746                   | 0.023                  | 0.316              | 0.625              | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.618                  | 0.003              | 0.018              | 0.000              | 0.000  | 0.762*      | 0.694       |
|           | Left          | 0.003                   | 0.016                   | 0.000                  | 0.733              | 0.092              | 0.000              | 0.000  | 0.736       | 0.749       |

Table F-251

**Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + NB-U-NII Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                      | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+4+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                | 0.746                   | 0.023                  | 0.316              | 0.625              | 0.002              | 0.000  | 0.819**     | 0.771*      |

Table F-252

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 3a Reduced to 0.25 ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------|--------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                  | 5                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.250                                  | 0.663              | 0.356              | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.094                                  | 0.000              | 0.000              | 0.250                              | 0.000  | 0.772*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.023                                  | 0.316              | 0.625              | 0.002                              | 0.000  | 0.690       | 0.690       |
|           | Right         | 0.725                   | 0.086                   | 0.231                                  | 0.003              | 0.018              | 0.000                              | 0.000  | 0.974       | 0.335       |
|           | Left          | 0.009                   | 0.029                   | 0.000                                  | 0.733              | 0.092              | 0.000                              | 0.000  | 0.742       | 0.762       |

Table F-253

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a Reduced to 0.375 ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|--------------------|--------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                  | 5                  | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.371                                   | 0.663              | 0.356              | 0.050                               | 0.000  | 0.996*      | 0.996*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.139                                   | 0.000              | 0.000              | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.023                                   | 0.316              | 0.625              | 0.002                               | 0.000  | 0.685       | 0.676       |
|           | Right         | 0.625                                    | 0.074                                    | 0.339                                   | 0.003              | 0.018              | 0.000                               | 0.000  | 0.982       | 0.431       |
|           | Left          | 0.009                                    | 0.026                                    | 0.000                                   | 0.733              | 0.092              | 0.000                               | 0.000  | 0.742       | 0.759       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 47 of 69      |

Table F-254

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | Σ ER        |
|-----------|---------------|------------------------|------------------------|--------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.694                  | 0.663              | 0.356              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.258                  | 0.000              | 0.000              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.023                  | 0.316              | 0.625              | 0.002                              | 0.000  | 0.743       |
|           | Right         | 0.079                  | 0.618                  | 0.003              | 0.018              | 0.000                              | 0.000  | 0.715       |
|           | Left          | 0.726                  | 0.000                  | 0.733              | 0.092              | 0.000                              | 0.000  | 0.733*      |

Table F-255

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 3a ER | 802.15.4 Ant 1a ER | NB U-NII Ant 1b ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | Σ ER        |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.694                  | 0.663              | 0.356              | 0.050                               | 0.000  | 0.694*      |
|           | Top           | 0.625                                   | 0.258                  | 0.000              | 0.000              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.023                  | 0.316              | 0.625              | 0.002                               | 0.000  | 0.734       |
|           | Right         | 0.072                                   | 0.618                  | 0.003              | 0.018              | 0.000                               | 0.000  | 0.708       |
|           | Left          | 0.619                                   | 0.000                  | 0.733              | 0.092              | 0.000                               | 0.000  | 0.733*      |

Table F-256

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.534              | 0.426              | 0.158              | 0.000  | 0.666*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.203              | 0.102              | 0.744              | 0.000  | 0.959       | 0.957       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.028              | 0.002              | 0.002              | 0.000  | 0.402       | 0.888       |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.590              | 0.151              | 0.000              | 0.000  | 0.594       | 0.606       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.000              | 0.000              | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-257

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.534              | 0.426              | 0.158              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.203              | 0.102              | 0.744              | 0.000  | 0.958       | 0.956       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.028              | 0.002              | 0.002              | 0.000  | 0.430       | 0.824       |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.590              | 0.151              | 0.000              | 0.000  | 0.593       | 0.605       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.000              | 0.000              | 0.000              | 0.000  | 0.994       | 0.408       |

Table F-258

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.534              | 0.426              | 0.158              | 0.000  | 0.610*      | 0.610*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.203              | 0.102              | 0.744              | 0.000  | 0.970       | 0.961       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.028              | 0.002              | 0.002              | 0.000  | 0.705       | 0.776*      |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.590              | 0.151              | 0.000              | 0.000  | 0.744*      | 0.648       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.000              | 0.000              | 0.000              | 0.000  | 0.746       | 0.759       |

Table F-259

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | 802.15.4 Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | Σ ER        |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|------------------------------------|------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                                  | 5                                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.213                              | 0.250                              | 0.031                              | 0.000  | 0.989*      | 0.995*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.100                              | 0.069                              | 0.250                              | 0.000  | 0.778*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.028                              | 0.002                              | 0.002                              | 0.000  | 0.379       | 0.369       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.250                              | 0.088                              | 0.000                              | 0.000  | 0.975       | 0.336       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.000                              | 0.000                              | 0.000                              | 0.000  | 0.752       | 0.772       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 48 of 69      |

Table F-260

**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4 and NB U-NII TxBF**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 802.15.4 Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                                   | 5                                   | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.306                               | 0.363                               | 0.050                               | 0.000  | 0.988*      | 0.988*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.139                               | 0.102                               | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.028                               | 0.002                               | 0.002                               | 0.000  | 0.374       | 0.365       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.355                               | 0.126                               | 0.000                               | 0.000  | 0.980       | 0.429       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.000                               | 0.000                               | 0.000                               | 0.000  | 0.752       | 0.769       |

Table F-261

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.534              | 0.426              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.203              | 0.102              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.028              | 0.002              | 0.002                              | 0.000  | 0.432       |
|           | Right         | 0.079                  | 0.000                  | 0.590              | 0.151              | 0.000                              | 0.000  | 0.669       |
|           | Left          | 0.726                  | 0.743                  | 0.000              | 0.000              | 0.000                              | 0.000  | 0.743*      |

Table F-262

**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, 802.15.4, NB U-NII TxBF and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.534              | 0.426              | 0.050                               | 0.000  | 0.625*      |
|           | Top           | 0.625                                   | 0.000                  | 0.203              | 0.102              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.028              | 0.002              | 0.002                               | 0.000  | 0.423       |
|           | Right         | 0.072                                   | 0.000                  | 0.590              | 0.151              | 0.000                               | 0.000  | 0.662       |
|           | Left          | 0.619                                   | 0.743                  | 0.000              | 0.000              | 0.000                               | 0.000  | 0.743*      |

Table F-263

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a ER | Cellular Band Ant 1b ER | 2.4 GHz WIFI Ant 1a Reduced to 0.25 ER | NB U-NII Ant 1b Reduced to 0.25 ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|----------------------------------------|------------------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                                      | 4                                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.453                   | 0.733                   | 0.213                                  | 0.206                              | 0.534              | 0.158              | 0.000  | 0.666*      | 0.946*      |
|           | Top           | 0.012                   | 0.010                   | 0.000                                  | 0.000                              | 0.203              | 0.744              | 0.000  | 0.959       | 0.957       |
|           | Bottom        | 0.259                   | 0.745                   | 0.113                                  | 0.250                              | 0.028              | 0.002              | 0.000  | 0.539       | 0.995*      |
|           | Right         | 0.004                   | 0.016                   | 0.000                                  | 0.018                              | 0.590              | 0.000              | 0.000  | 0.612       | 0.624       |
|           | Left          | 0.746                   | 0.045                   | 0.250                                  | 0.044                              | 0.000              | 0.000              | 0.000  | 0.996*      | 0.295       |

Table F-264

**Cellular Band Ant 1a & 1b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 1a Reduced to 0.625 ER | Cellular Band Ant 1b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a Reduced to 0.375 ER | NB U-NII Ant 1b Reduced to 0.375 ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|-----------------------------------------|-------------------------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                                       | 4                                   | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.394                                    | 0.625                                    | 0.314                                   | 0.308                               | 0.534              | 0.158              | 0.000  | 0.708*      | 0.939*      |
|           | Top           | 0.011                                    | 0.009                                    | 0.000                                   | 0.000                               | 0.203              | 0.744              | 0.000  | 0.958       | 0.956       |
|           | Bottom        | 0.231                                    | 0.625                                    | 0.169                                   | 0.371                               | 0.028              | 0.002              | 0.000  | 0.632       | 0.996*      |
|           | Right         | 0.003                                    | 0.015                                    | 0.000                                   | 0.018                               | 0.590              | 0.000              | 0.000  | 0.611       | 0.623       |
|           | Left          | 0.625                                    | 0.039                                    | 0.369                                   | 0.064                               | 0.000              | 0.000              | 0.000  | 0.994       | 0.408       |

Table F-265

**Cellular Band Ant 2a & 2b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 2a ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.536                   | 0.544                   | 0.610                  | 0.356              | 0.534              | 0.158              | 0.000  | 0.610*      | 0.610*      |
|           | Top           | 0.023                   | 0.014                   | 0.000                  | 0.000              | 0.203              | 0.744              | 0.000  | 0.970       | 0.961       |
|           | Bottom        | 0.366                   | 0.746                   | 0.309                  | 0.625              | 0.028              | 0.002              | 0.000  | 0.625*      | See Note 1  |
|           | Right         | 0.744                   | 0.058                   | 0.000                  | 0.018              | 0.590              | 0.000              | 0.000  | 0.762*      | 0.666       |
|           | Left          | 0.003                   | 0.016                   | 0.743                  | 0.092              | 0.000              | 0.000              | 0.000  | 0.746       | 0.759       |

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 49 of 69      |

**Table F-266**  
**Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | LTE Band 7 Ant 2b + NB-U-NII Ant 1b ER | Cellular Band Ant 2b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|----------------------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------|-------------|-------------|
|           |               | 1                                      | 2                       | 3                      | 4                  | 5                  | 6                  | 7      | 1+3+5+6+7   | 2+3+4+5+6+7 |
| Body SAR  | Bottom        | 0.794**                                | 0.746                   | 0.309                  | 0.625              | 0.028              | 0.002              | 0.000  | 0.824**     | 0.776*      |

**Table F-267**  
**Simult Tx**

| Simult Tx | Configuration | Cellular Band Ant 3a ER | Cellular Band Ant 3b ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a Reduced to 0.25 ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|-------------------------|-------------------------|------------------------|--------------------|------------------------------------|------------------------------------|--------|-------------|-------------|
|           |               | 1                       | 2                       | 3                      | 4                  | 5                                  | 6                                  | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.739                   | 0.745                   | 0.610                  | 0.356              | 0.213                              | 0.031                              | 0.000  | 0.952*      | 0.958*      |
|           | Top           | 0.678                   | 0.746                   | 0.000                  | 0.000              | 0.100                              | 0.250                              | 0.000  | 0.778*      | 0.996*      |
|           | Bottom        | 0.040                   | 0.030                   | 0.309                  | 0.625              | 0.028                              | 0.002                              | 0.000  | 0.695       | 0.685       |
|           | Right         | 0.725                   | 0.086                   | 0.000                  | 0.018              | 0.250                              | 0.000                              | 0.000  | 0.993       | 0.354       |
|           | Left          | 0.009                   | 0.029                   | 0.743                  | 0.092              | 0.000                              | 0.000                              | 0.000  | 0.752       | 0.772       |

**Table F-268**  
**Cellular Band Ant 3a & 3b Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF and 802.15.4**

| Simult Tx | Configuration | Cellular Band Ant 3a Reduced to 0.625 ER | Cellular Band Ant 3b Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a Reduced to 0.375 ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |             |
|-----------|---------------|------------------------------------------|------------------------------------------|------------------------|--------------------|-------------------------------------|-------------------------------------|--------|-------------|-------------|
|           |               | 1                                        | 2                                        | 3                      | 4                  | 5                                   | 6                                   | 7      | 1+3+4+5+6+7 | 2+3+4+5+6+7 |
| Body SAR  | Back          | 0.625                                    | 0.625                                    | 0.610                  | 0.356              | 0.306                               | 0.050                               | 0.000  | 0.931*      | 0.931*      |
|           | Top           | 0.583                                    | 0.625                                    | 0.000                  | 0.000              | 0.139                               | 0.371                               | 0.000  | 0.722*      | 0.996*      |
|           | Bottom        | 0.035                                    | 0.026                                    | 0.309                  | 0.625              | 0.028                               | 0.002                               | 0.000  | 0.690       | 0.681       |
|           | Right         | 0.625                                    | 0.074                                    | 0.000                  | 0.018              | 0.355                               | 0.000                               | 0.000  | 0.980*      | 0.447       |
|           | Left          | 0.009                                    | 0.026                                    | 0.743                  | 0.092              | 0.000                               | 0.000                               | 0.000  | 0.752       | 0.769       |

**Table F-269**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c Reduced to 0.25 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|------------------------|------------------------|--------------------|--------------------|------------------------------------|--------|-------------|
|           |               | 1                      | 2                      | 3                  | 4                  | 5                                  | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.745                  | 0.610                  | 0.356              | 0.534              | 0.031                              | 0.000  | 0.745*      |
|           | Top           | 0.746                  | 0.000                  | 0.000              | 0.203              | 0.250                              | 0.000  | 0.746*      |
|           | Bottom        | 0.093                  | 0.309                  | 0.625              | 0.028              | 0.002                              | 0.000  | 0.748       |
|           | Right         | 0.079                  | 0.000                  | 0.018              | 0.590              | 0.000                              | 0.000  | 0.687       |
|           | Left          | 0.726                  | 0.743                  | 0.092              | 0.000              | 0.000                              | 0.000  | 0.743*      |

**Table F-270**  
**Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WIFI, NB U-NII TxBF, 802.15.4 and WPT**

| Simult Tx | Configuration | Cellular Band Ant 4 Reduced to 0.625 ER | 2.4 GHz WIFI Ant 1a ER | NB U-NII Ant 1b ER | 802.15.4 Ant 3a ER | NB U-NII Ant 3c Reduced to 0.375 ER | WPT ER | $\Sigma$ ER |
|-----------|---------------|-----------------------------------------|------------------------|--------------------|--------------------|-------------------------------------|--------|-------------|
|           |               | 1                                       | 2                      | 3                  | 4                  | 5                                   | 6      | 1+2+3+4+5+6 |
| Body SAR  | Back          | 0.625                                   | 0.610                  | 0.356              | 0.534              | 0.050                               | 0.000  | 0.625*      |
|           | Top           | 0.625                                   | 0.000                  | 0.000              | 0.203              | 0.371                               | 0.000  | 0.625*      |
|           | Bottom        | 0.084                                   | 0.309                  | 0.625              | 0.028              | 0.002                               | 0.000  | 0.739       |
|           | Right         | 0.072                                   | 0.000                  | 0.018              | 0.590              | 0.000                               | 0.000  | 0.680       |
|           | Left          | 0.619                                   | 0.743                  | 0.092              | 0.000              | 0.000                               | 0.000  | 0.743*      |

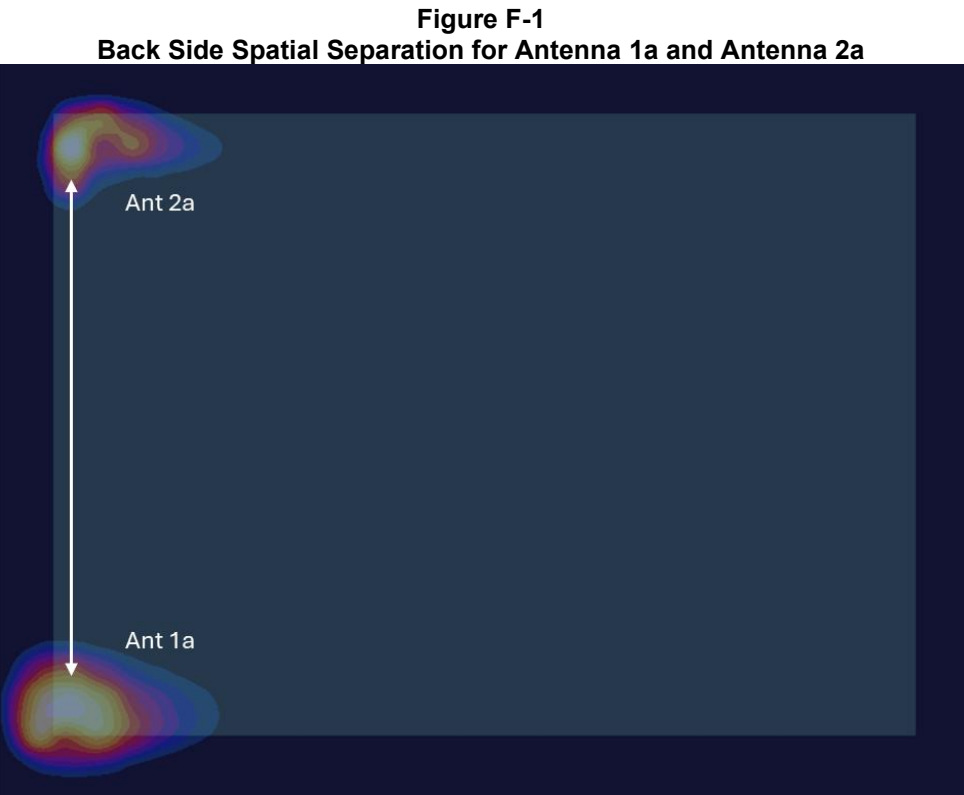
|                                   |                           |                                          |
|-----------------------------------|---------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | <b>APPENDIX F:</b><br>Page 50 of 69      |

F.5 Spatial Separation Analysis

Per FCC KDB Publication 248227, antennas may be considered spatially separated when the aggregate SAR from multiple antennas at any location in the combined SAR distribution is either  $\leq 1.2\text{ W/kg}$  where at least 90% of the SAR is attributed to a single SAR distribution or  $\leq 0.4\text{ W/kg}$  where no more than one SAR distribution is contributing  $> 0.1\text{ W/kg}$ .

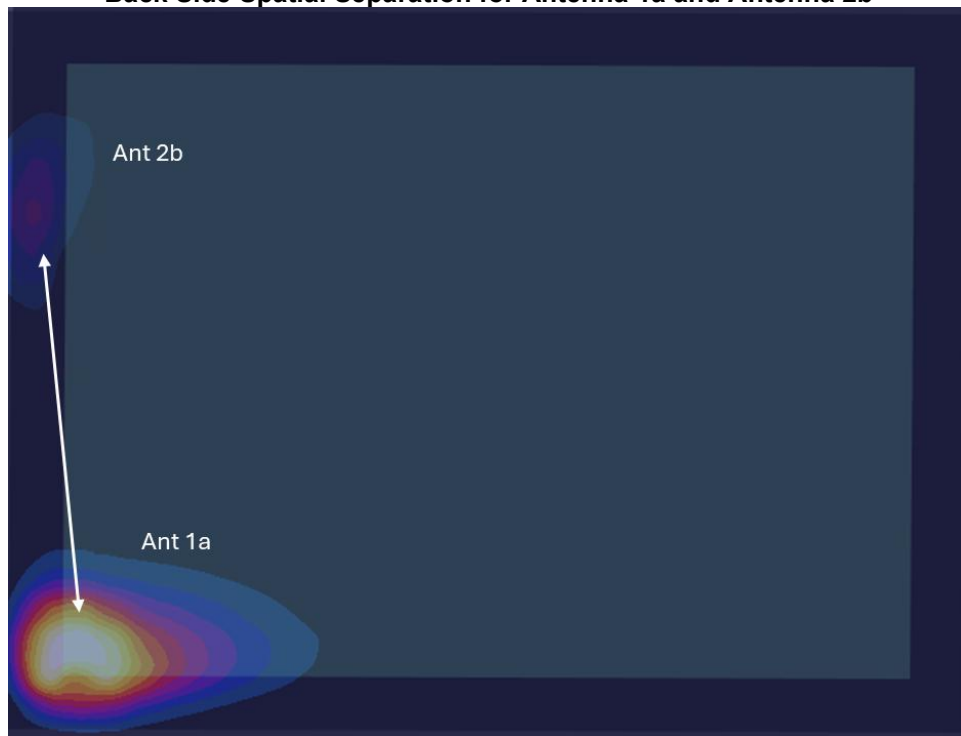
Spatial separation was determined by inspection of the area scan SAR distributions to confirm that at all locations, SAR was  $< 1.2\text{ W/kg}$ , where at least 90% of the SAR is attributed to a single SAR distribution. See below for illustrations of the spatial separated antennas considered.

F.5.1 Back Side Spatial Separation Analysis

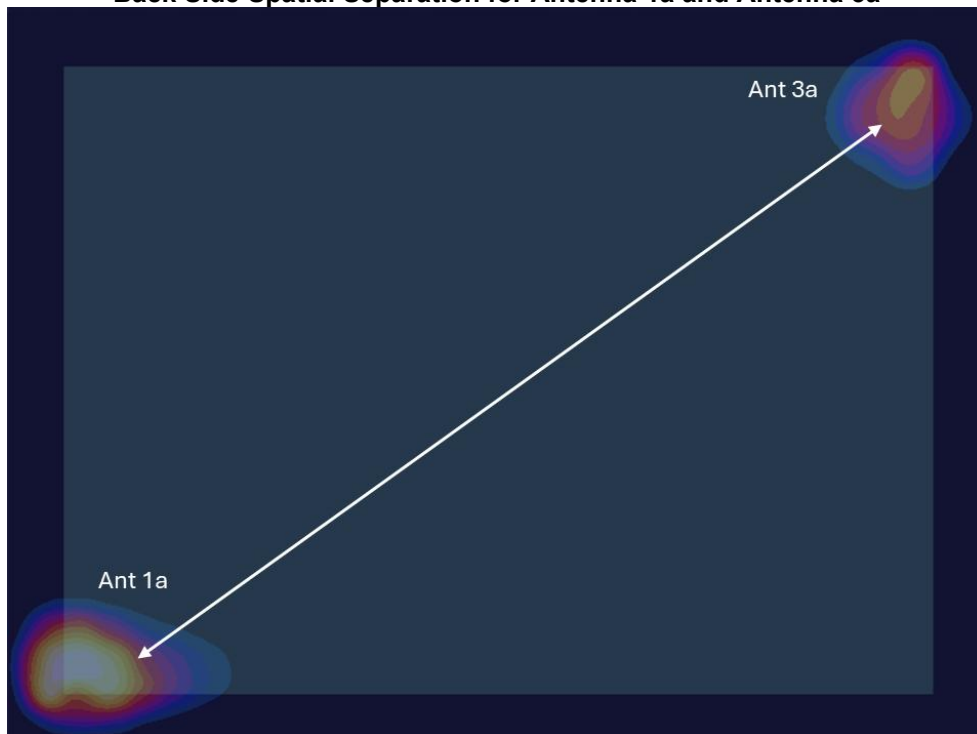


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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 51 of 69      |

**Figure F-2**  
**Back Side Spatial Separation for Antenna 1a and Antenna 2b**

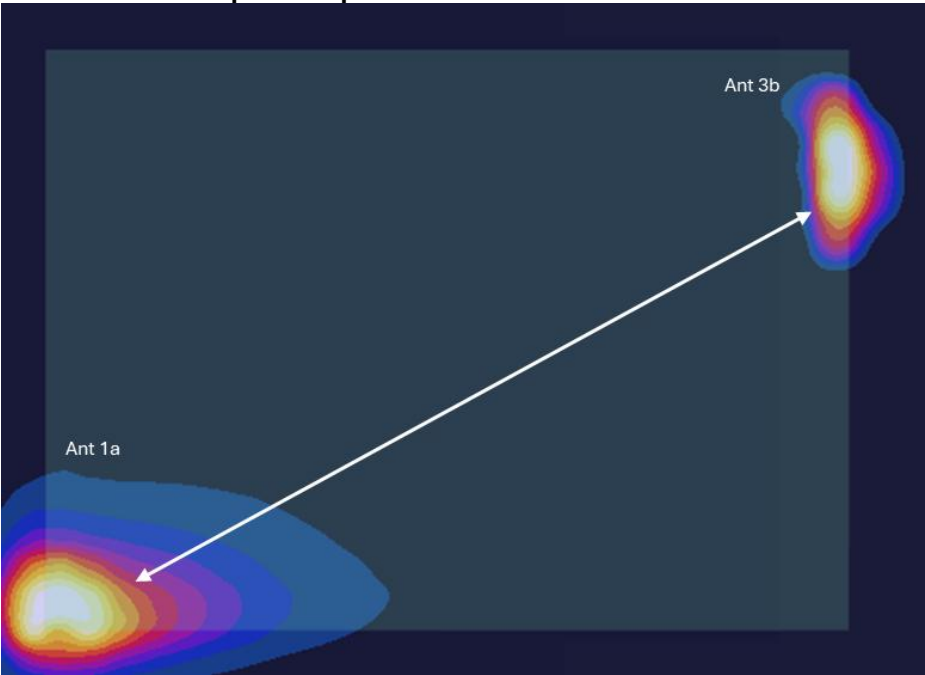


**Figure F-3**  
**Back Side Spatial Separation for Antenna 1a and Antenna 3a**

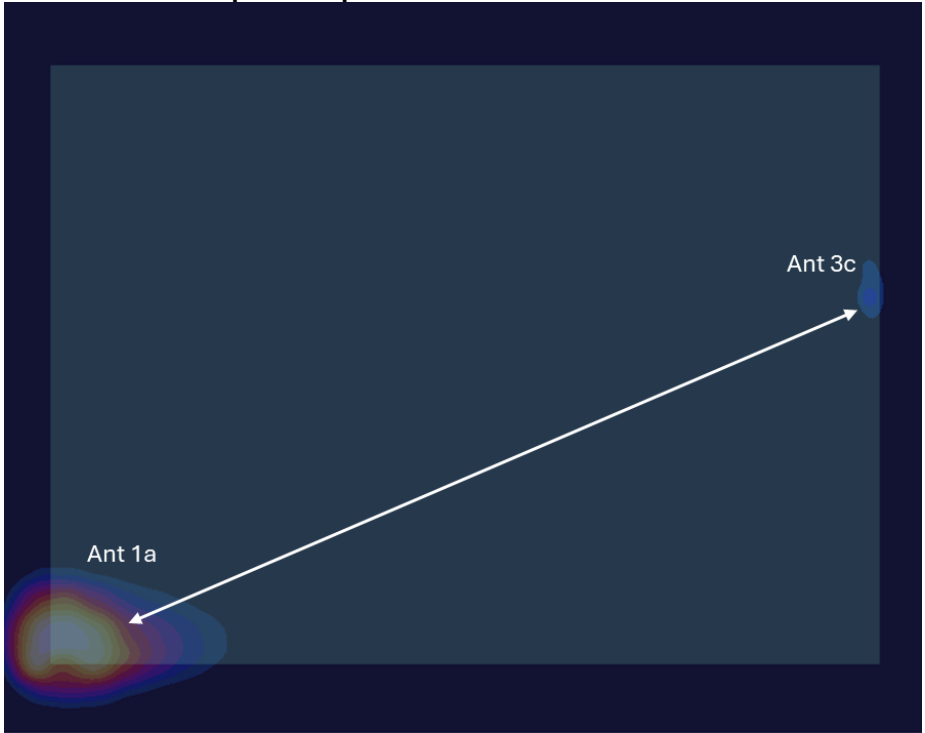


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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 52 of 69      |

**Figure F-4**  
**Back Side Spatial Separation for Antenna 1a and Antenna 3b**

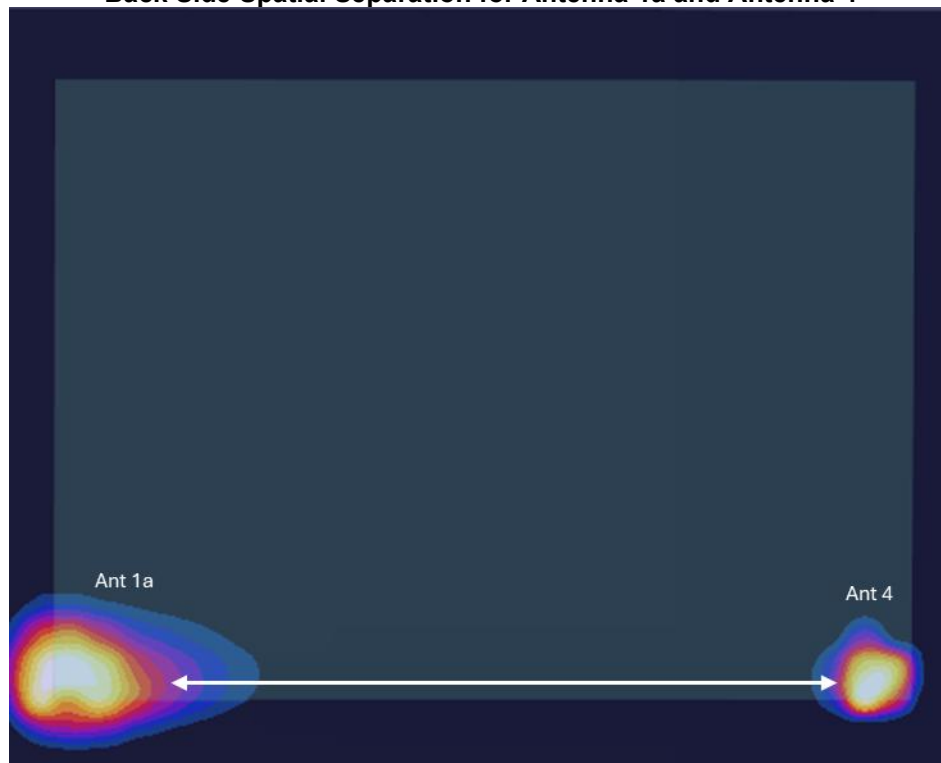


**Figure F-5**  
**Back Side Spatial Separation for Antenna 1a and Antenna 3c**

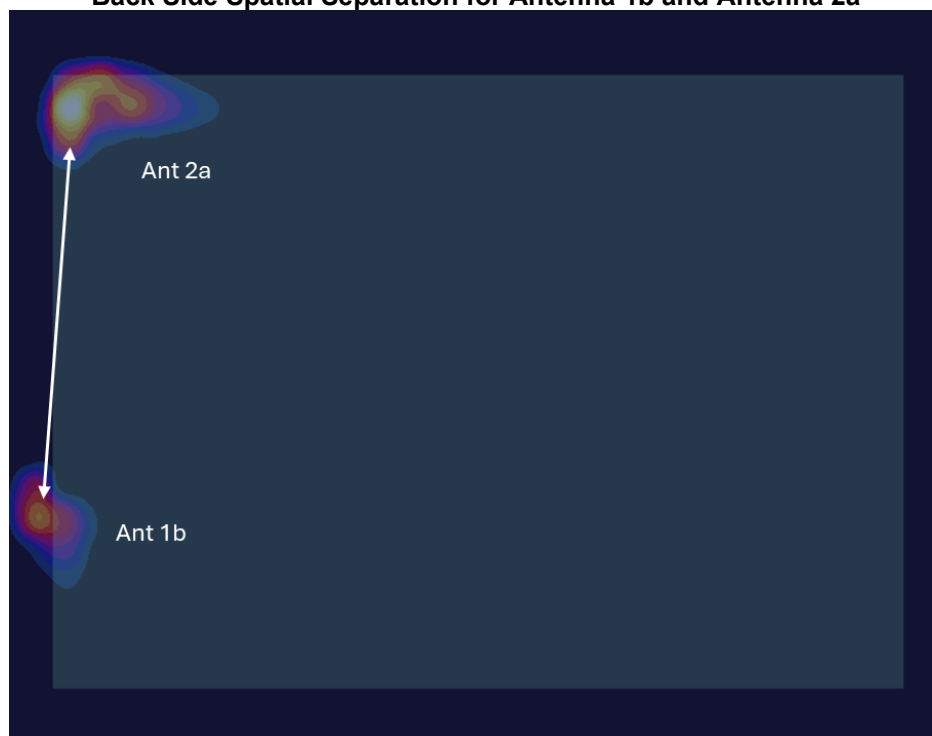


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|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 53 of 69      |

**Figure F-6**  
**Back Side Spatial Separation for Antenna 1a and Antenna 4**

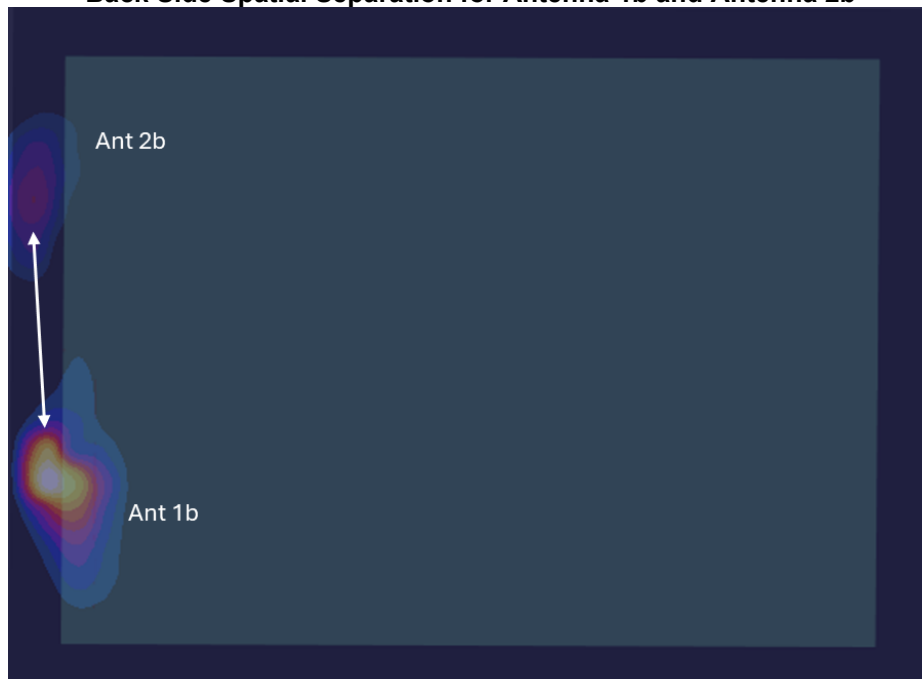


**Figure F-7**  
**Back Side Spatial Separation for Antenna 1b and Antenna 2a**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 54 of 69      |

**Figure F-8**  
**Back Side Spatial Separation for Antenna 1b and Antenna 2b**

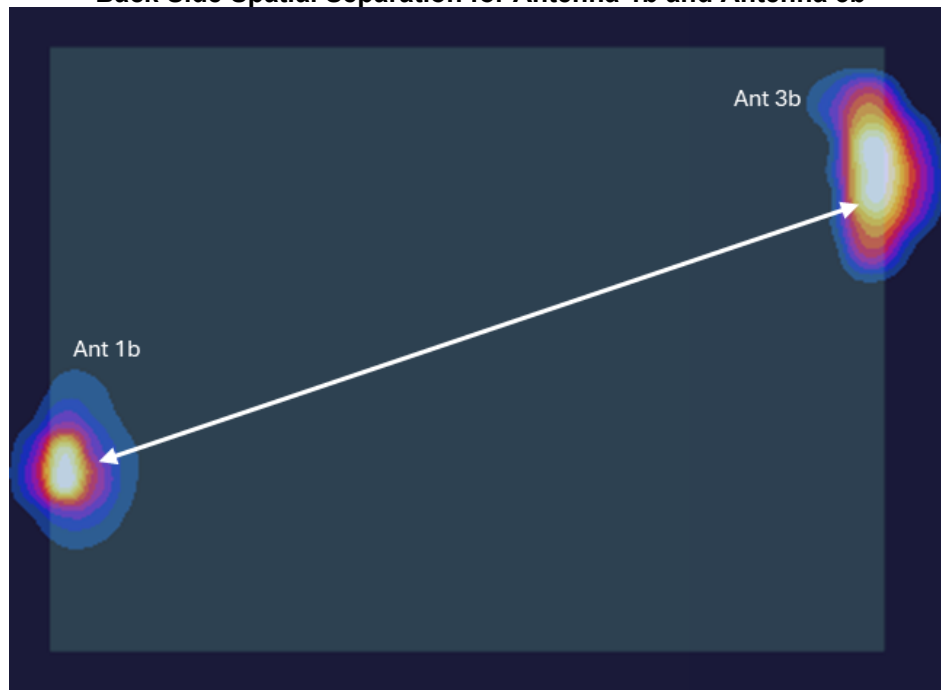


**Figure F-9**  
**Back Side Spatial Separation for Antenna 1b and Antenna 3a**

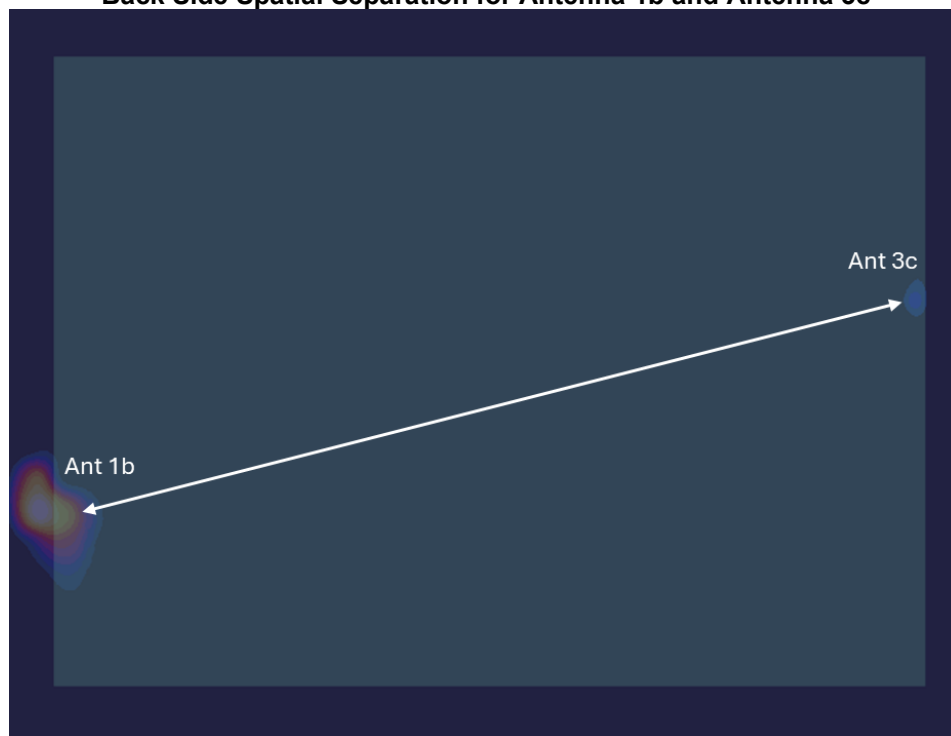


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|----------------------------|--------------------|-----------------------------------|
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 55 of 69      |

**Figure F-10**  
**Back Side Spatial Separation for Antenna 1b and Antenna 3b**

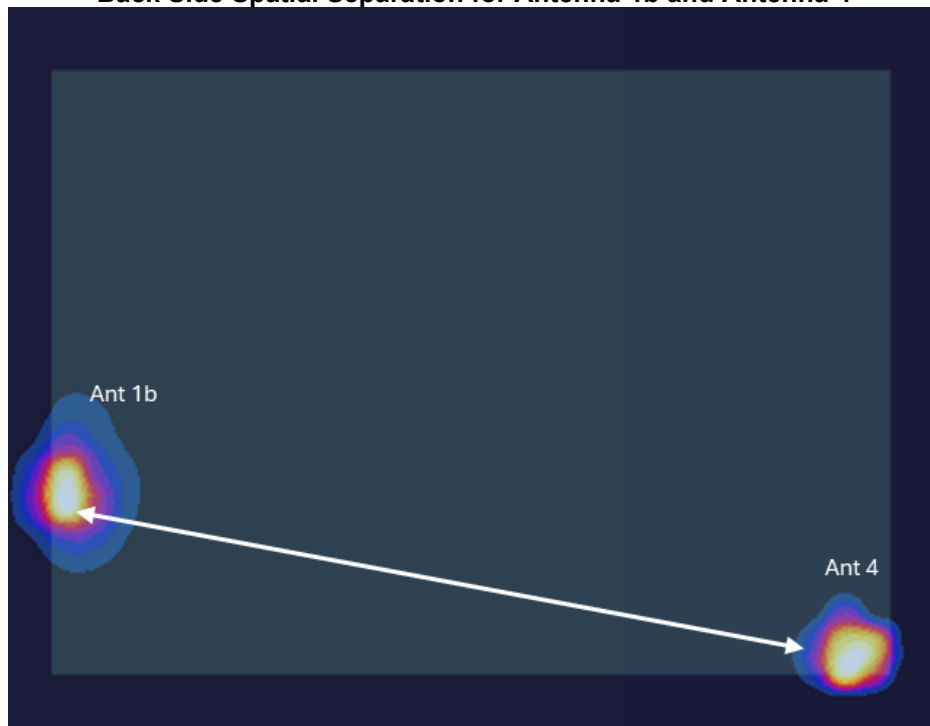


**Figure F-11**  
**Back Side Spatial Separation for Antenna 1b and Antenna 3c**

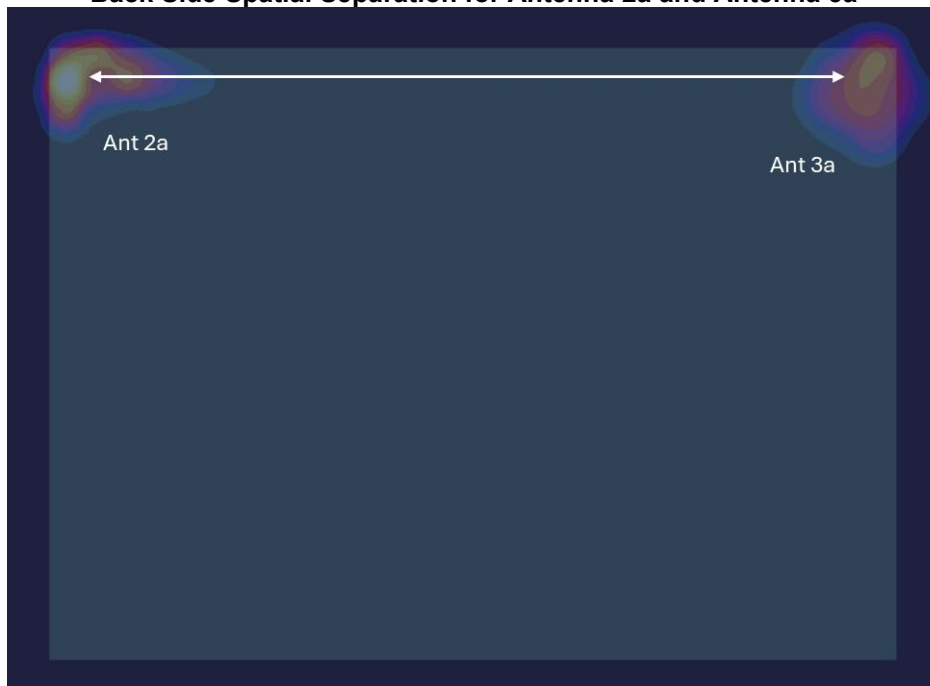


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| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 56 of 69      |

**Figure F-12**  
**Back Side Spatial Separation for Antenna 1b and Antenna 4**

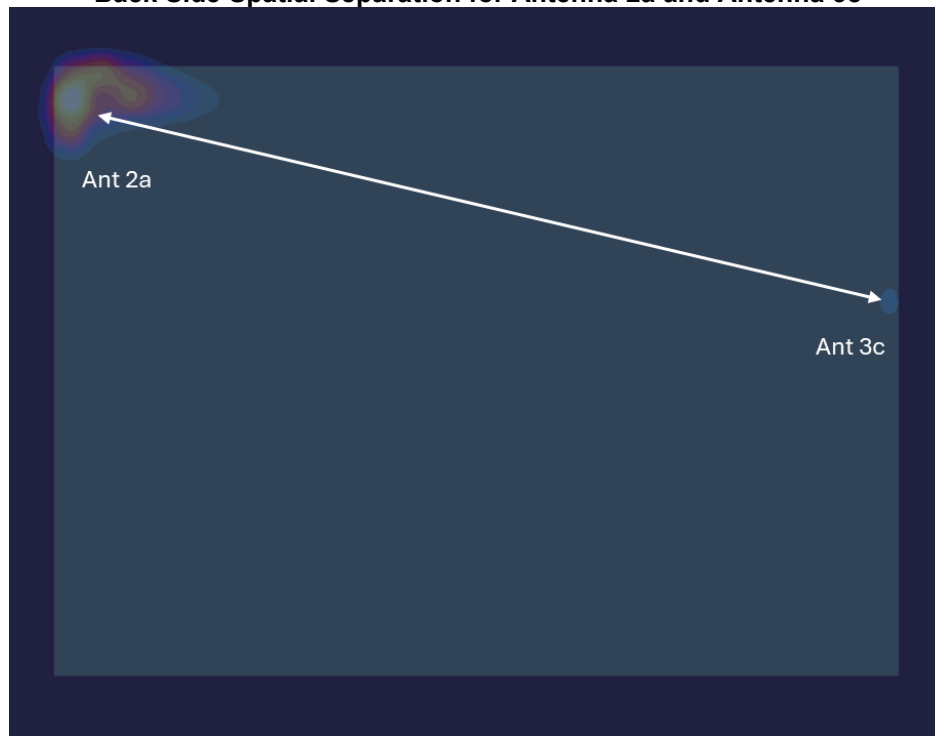


**Figure F-13**  
**Back Side Spatial Separation for Antenna 2a and Antenna 3a**

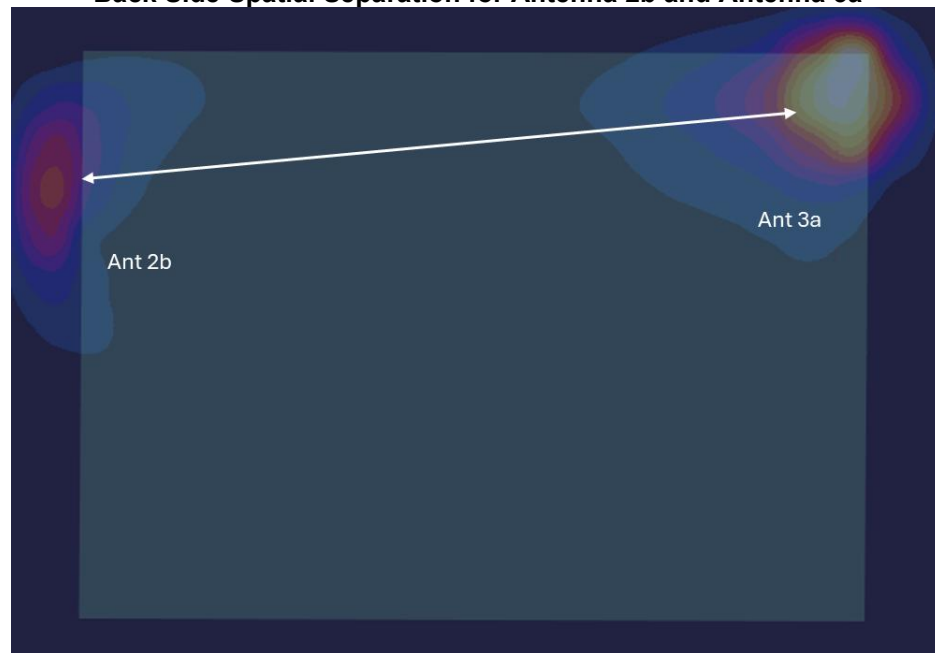


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| <b>FCC ID:</b> BCGA3460           | <b>RF EXPOSURE REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Tablet Device |                           | APPENDIX F:<br>Page 57 of 69             |

**Figure F-14**  
**Back Side Spatial Separation for Antenna 2a and Antenna 3c**

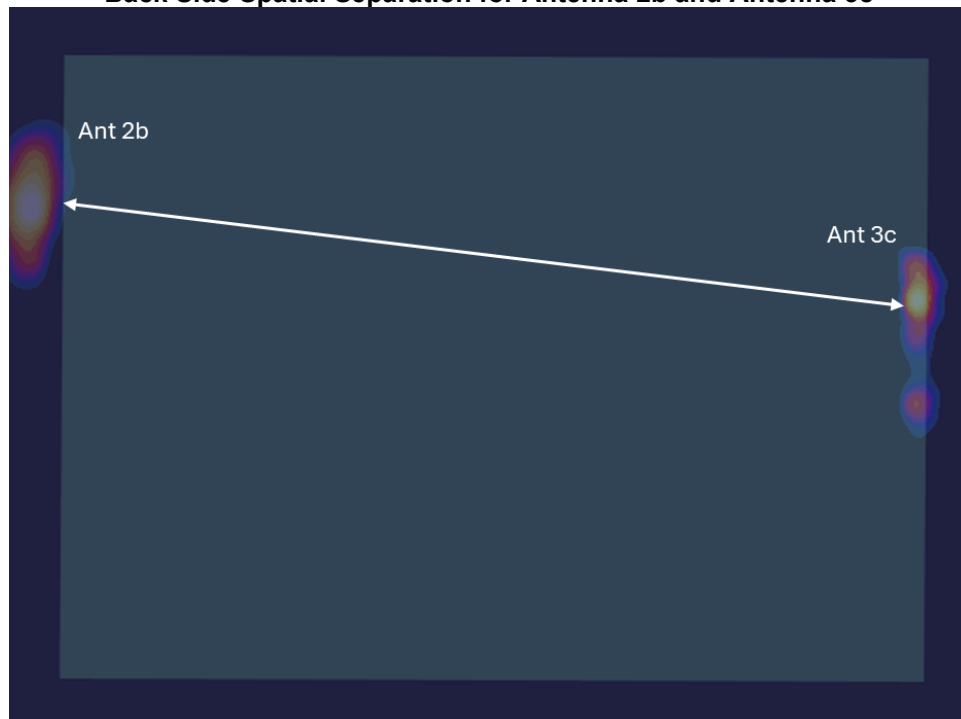


**Figure F-15**  
**Back Side Spatial Separation for Antenna 2b and Antenna 3a**

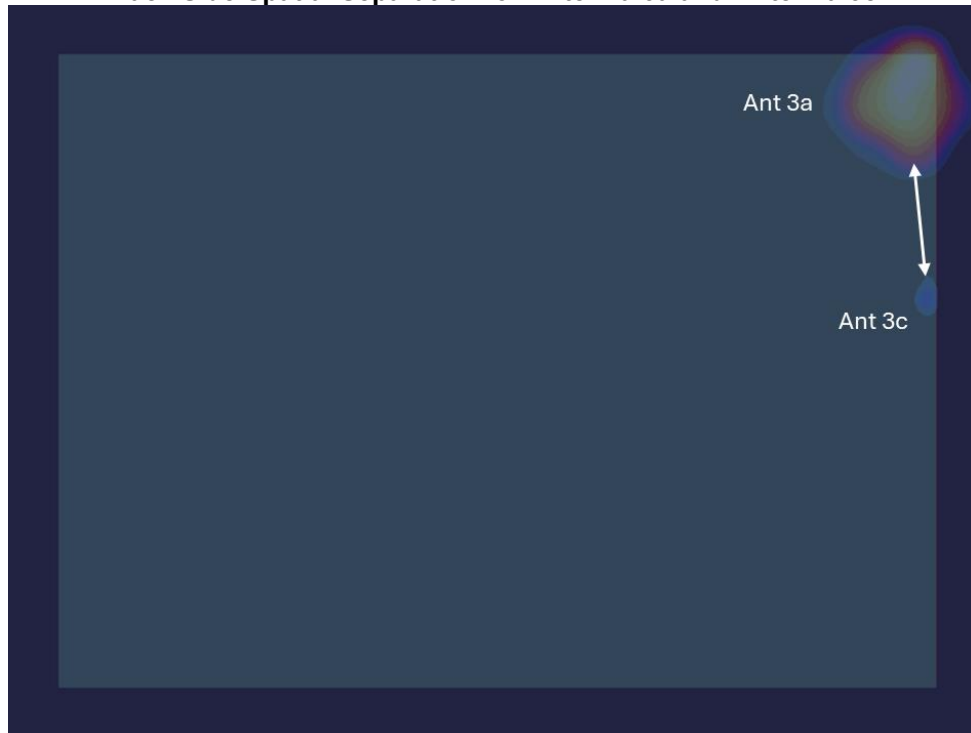


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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 58 of 69      |

**Figure F-16**  
**Back Side Spatial Separation for Antenna 2b and Antenna 3c**



**Figure F-17**  
**Back Side Spatial Separation for Antenna 3a and Antenna 3c**

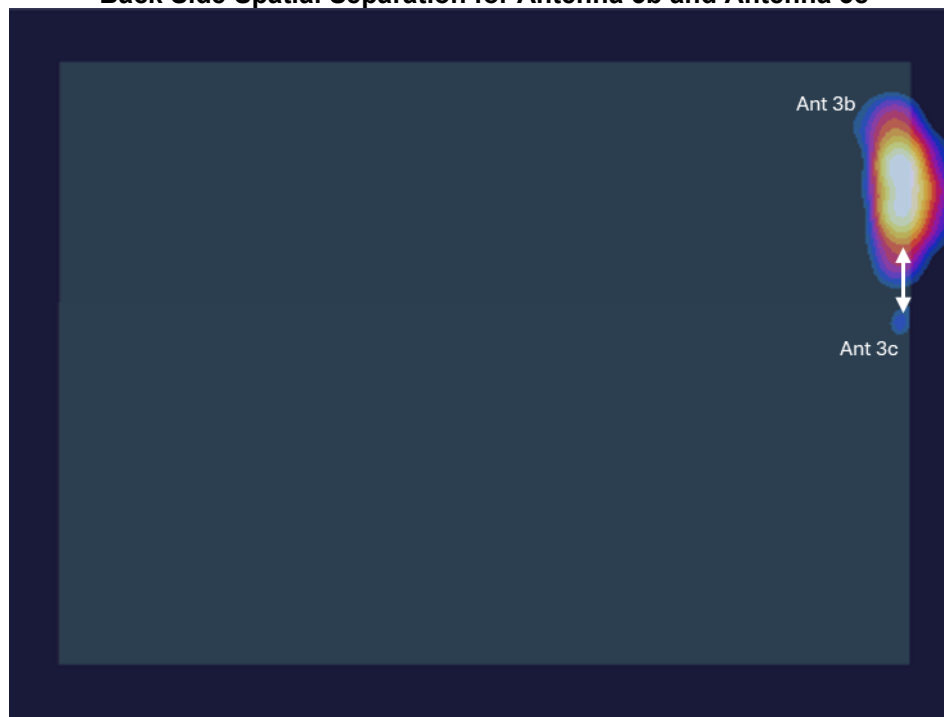


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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 59 of 69      |

**Figure F-18**  
**Back Side Spatial Separation for Antenna 3a and Antenna 4**

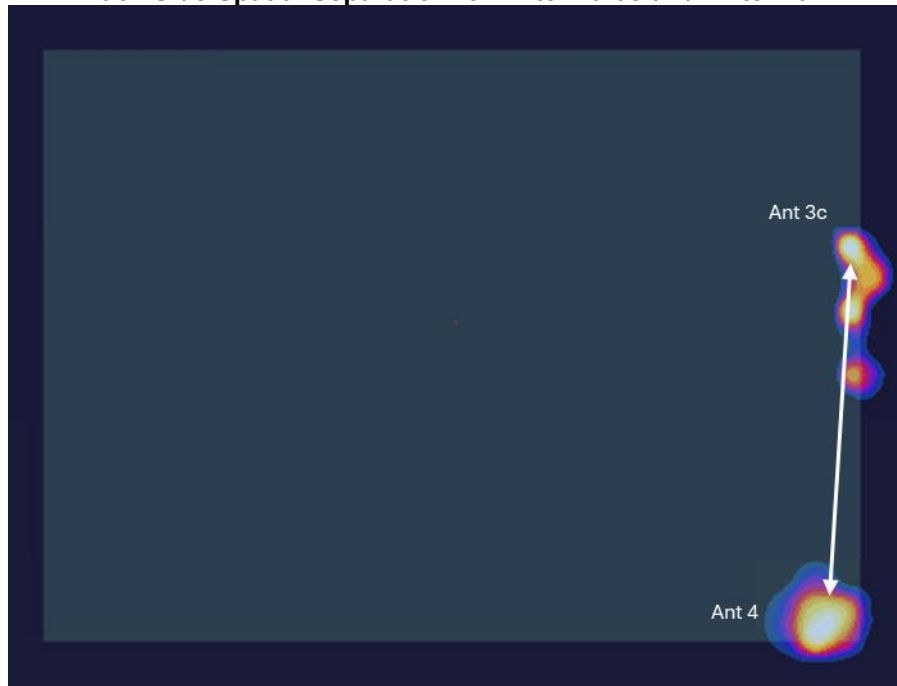


**Figure F-19**  
**Back Side Spatial Separation for Antenna 3b and Antenna 3c**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 60 of 69      |

**Figure F-20**  
**Back Side Spatial Separation for Antenna 3c and Antenna 4**



### F.5.1 Top Edge Spatial Separation Analysis

**Figure F-21**  
**Top Edge Spatial Separation for Antenna 1a and Antenna 2a**

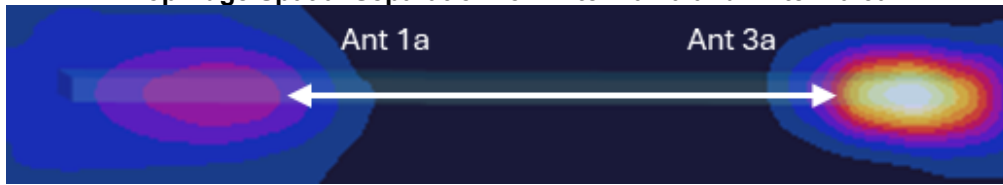


**Figure F-22**  
**Top Edge Spatial Separation for Antenna 1a and Antenna 2b**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 61 of 69      |

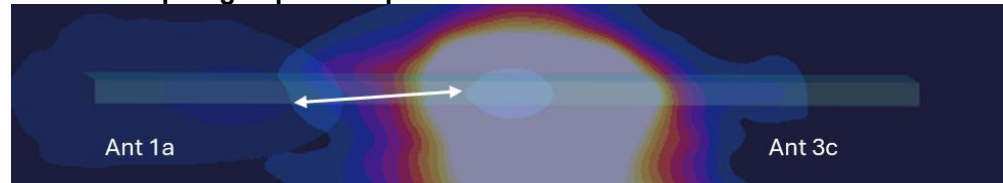
**Figure F-23**  
**Top Edge Spatial Separation for Antenna 1a and Antenna 3a**



**Figure F-24**  
**Top Edge Spatial Separation for Antenna 1a and Antenna 3b**



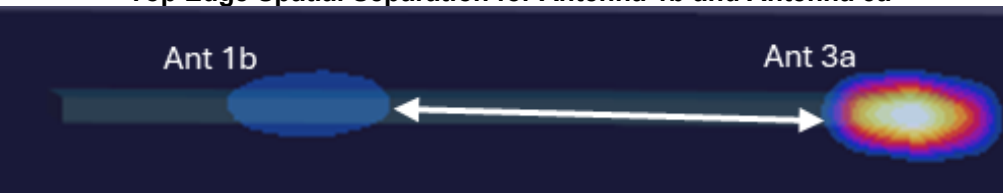
**Figure F-25**  
**Top Edge Spatial Separation for Antenna 1a and Antenna 3c**



**Figure F-26**  
**Top Edge Spatial Separation for Antenna 1b and Antenna 2b**

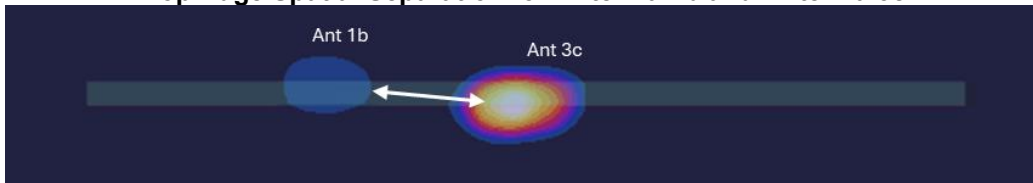


**Figure F-27**  
**Top Edge Spatial Separation for Antenna 1b and Antenna 3a**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 62 of 69      |

**Figure F-28**  
**Top Edge Spatial Separation for Antenna 1b and Antenna 3c**



**Figure F-29**  
**Top Edge Spatial Separation for Antenna 2a and Antenna 3c**



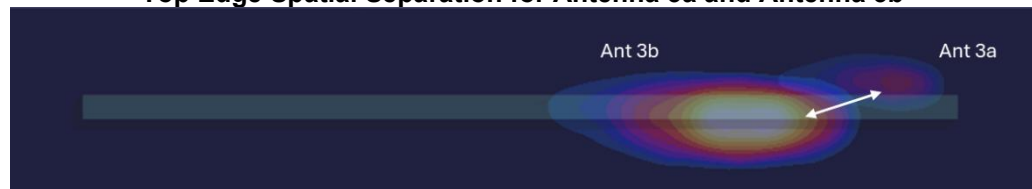
**Figure F-30**  
**Top Edge Spatial Separation for Antenna 2b and Antenna 3c**



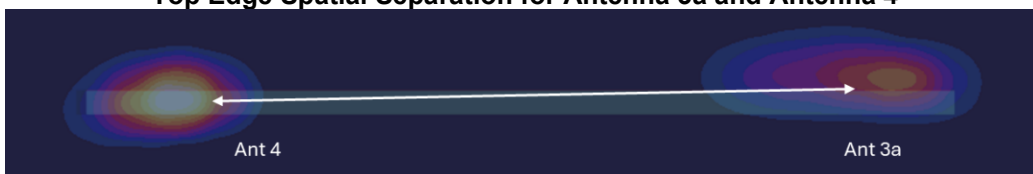
**Figure F-31**  
**Top Edge Spatial Separation for Antenna 3a and Antenna 3c**



**Figure F-32**  
**Top Edge Spatial Separation for Antenna 3a and Antenna 3b**

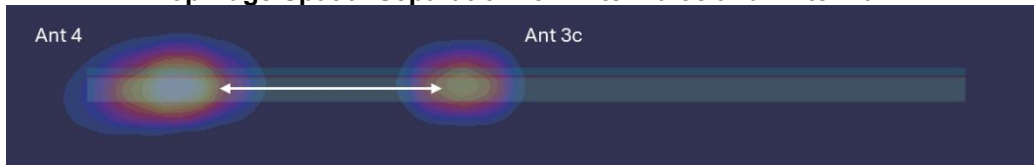


**Figure F-33**  
**Top Edge Spatial Separation for Antenna 3a and Antenna 4**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 63 of 69      |

**Figure F-34**  
**Top Edge Spatial Separation for Antenna 3c and Antenna 4**

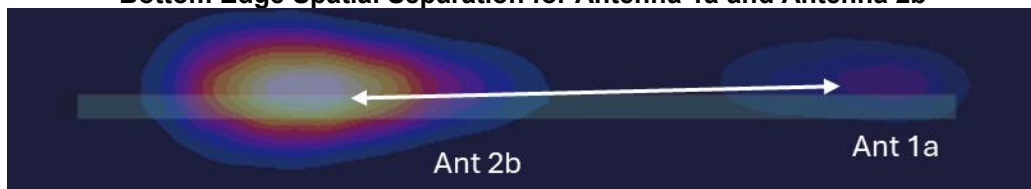


## F.5.2 Bottom Edge Spatial Separation Analysis

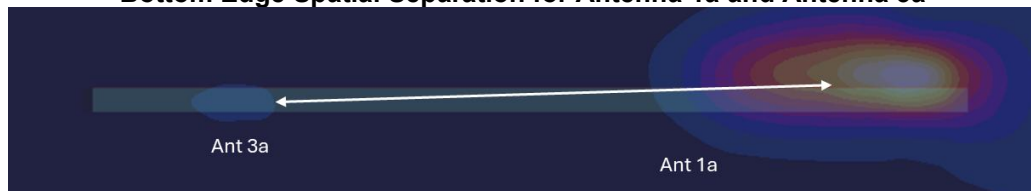
**Figure F-35**  
**Bottom Edge Spatial Separation for Antenna 1a and Antenna 2a**



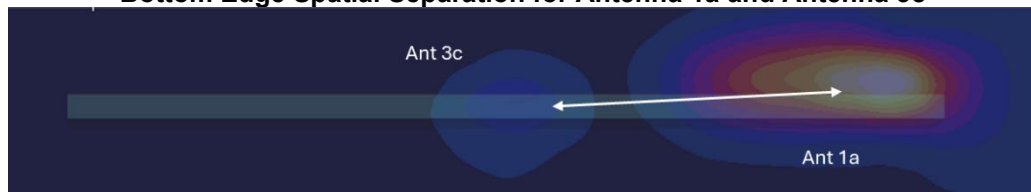
**Figure F-36**  
**Bottom Edge Spatial Separation for Antenna 1a and Antenna 2b**



**Figure F-37**  
**Bottom Edge Spatial Separation for Antenna 1a and Antenna 3a**



**Figure F-38**  
**Bottom Edge Spatial Separation for Antenna 1a and Antenna 3c**

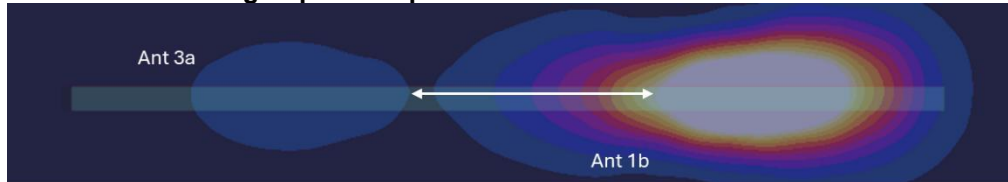


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| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 64 of 69      |

**Figure F-39**  
**Bottom Edge Spatial Separation for Antenna 1b and Antenna 2a**



**Figure F-40**  
**Bottom Edge Spatial Separation for Antenna 1b and Antenna 3a**



**Figure F-41**  
**Bottom Edge Spatial Separation for Antenna 1b and Antenna 3c**



### F.5.3 Right Edge Spatial Separation Analysis

**Figure F-42**  
**Right Edge Spatial Separation for Antenna 1a and Antenna 3a**



**Figure F-43**  
**Right Edge Spatial Separation for Antenna 1a and Antenna 3c**



**Figure F-44**  
**Right Edge Spatial Separation for Antenna 1b and Antenna 3a**



|                            |                    |                                   |
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| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 65 of 69      |

**Figure F-45**  
**Right Edge Spatial Separation for Antenna 1b and Antenna 3c**



**Figure F-46**  
**Right Edge Spatial Separation for Antenna 2a and Antenna 3a**



**Figure F-47**  
**Right Edge Spatial Separation for Antenna 2a and Antenna 3c**



#### F.5.4 Left Edge Spatial Separation Analysis

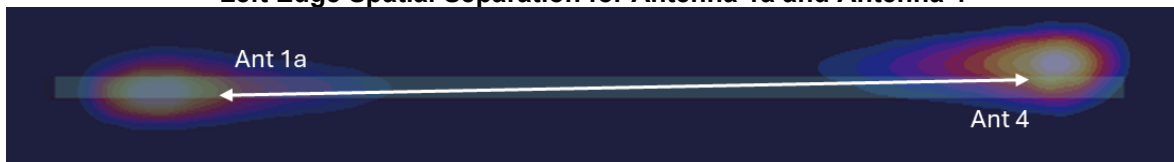
**Figure F-48**  
**Left Edge Spatial Separation for Antenna 1a and Antenna 3a**



**Figure F-49**  
**Left Edge Spatial Separation for Antenna 1a and Antenna 3c**



**Figure F-50**  
**Left Edge Spatial Separation for Antenna 1a and Antenna 4**



|                            |                    |                                   |
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| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 66 of 69      |

**Figure F-51**  
**Left Edge Spatial Separation for Antenna 1b and Antenna 3a**



**Figure F-52**  
**Left Edge Spatial Separation for Antenna 1b and Antenna 3c**



**Figure F-53**  
**Left Edge Spatial Separation for Antenna 1b and Antenna 4**



|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 67 of 69      |

## F.6 Additional Simultaneous SAR Evaluation and Analysis for Antenna 1b and Antenna 2b

When required, each transmitter is tested for simultaneous transmission in the configuration, channel, and operating mode that resulted in the highest SAR during the stand-alone evaluation. Per November 2019 TCB Workshop Notes, enlarged volumetric scans on co-located antenna pair were performed for all the modes/band for Antenna 1b and Antenna 2b to determine the aggregate distributions from the simultaneous transmission (volumetric) SAR evaluation.

Table F-271  
Simultaneous Transmission SAR Analysis

| Band / Mode        | Bandwidth [MHz] | Service / Modulation | Ant. | Duty Cycle [%] | Power Drift [dB] | Frequency [MHz] | Channel # | Data Rate [Mbps] | Max Allowed Power [dBm] | Conducted Power [dBm] | RB Size | RB Offset | Test Position | Spacing [mm] | Volumetric 1g SAR [W/kg] | Scaled Volumetric 1g SAR [W/kg] | Scaled Volumetric APD [4cm <sup>2</sup> ] | Plot |
|--------------------|-----------------|----------------------|------|----------------|------------------|-----------------|-----------|------------------|-------------------------|-----------------------|---------|-----------|---------------|--------------|--------------------------|---------------------------------|-------------------------------------------|------|
| LTE Band 25 Ant 2b | 20              | QPSK                 | 2b   | 100.00         | -0.08            | 1882.50         | 26365     | N/A              | 20.10                   | 19.13                 | 1       | 50        | Bottom        | 5            | 0.954                    | 1.190                           | N/A                                       | A39  |
| LTE Band 30 Ant 2b | 10              | QPSK                 | 2b   | 100.00         | 0.11             | 2310.00         | 27710     | N/A              | 20.70                   | 20.18                 | 50      | 0         | Bottom        | 5            | 0.971                    | 1.100                           | N/A                                       | A40  |
| LTE Band 7 Ant 2b  | 20              | QPSK                 | 2b   | 100.00         | 0.00             | 2535.00         | 21100     | N/A              | 19.50                   | 19.07                 | 1       | 50        | Bottom        | 5            | 1.070                    | 1.180                           | N/A                                       | A41  |
| LTE Band 41 Ant 2b | 20              | QPSK                 | 2b   | 100.00         | 0.03             | 2593.00         | 40620     | N/A              | 22.10                   | 21.42                 | 1       | 50        | Bottom        | 5            | 0.855                    | 0.999                           | N/A                                       | A42  |
| NR Band n25 Ant 2b | 40              | CP-OFDM QPSK         | 2b   | 100.00         | -0.02            | 1882.50         | 376500    | N/A              | 20.10                   | 19.00                 | 1       | 1         | Bottom        | 5            | 0.925                    | 1.190                           | N/A                                       | A43  |
| NR Band n30 Ant 2b | 10              | QPSK                 | 2b   | 100.00         | 0.04             | 2310.00         | 462000    | N/A              | 20.70                   | 19.45                 | 50      | 0         | Bottom        | 5            | 0.886                    | 1.180                           | N/A                                       | A44  |
| NR Band n7 Ant 2b  | 50              | QPSK                 | 2b   | 100.00         | -0.01            | 2535.00         | 507000    | N/A              | 19.50                   | 18.86                 | 1       | 214       | Bottom        | 5            | 0.994                    | 1.150                           | N/A                                       | A45  |
| NR Band n41 Ant 2b | 100             | QPSK                 | 2b   | 100.00         | 0.01             | 2592.99         | 518598    | N/A              | 18.50                   | 17.88                 | 1       | 137       | Bottom        | 5            | 1.030                    | 1.190                           | N/A                                       | A46  |
| 5 GHz WiFi Ant 1b  | 40              | OFDM                 | 1b   | 96.68          | -0.01            | 5270.00         | 54        | 13.5             | 18.15                   | 16.87                 | N/A     | N/A       | Bottom        | 5            | 0.884                    | 1.190                           | N/A                                       | A47  |
| 6 GHz WiFi Ant 1b  | 160             | OFDM                 | 1b   | 97.94          | 0.00             | 6665.00         | 143       | 68.1             | 15.60                   | 13.55                 | N/A     | N/A       | Bottom        | 5            | 0.343                    | 0.549                           | 3.340                                     | A48  |
| NB U-NII 3 Ant 1b  | N/A             | FHSS                 | 1b   | 76.63          | 0.05             | 5733.00         | Low       | 1                | 18.16                   | 16.41                 | N/A     | N/A       | Bottom        | 5            | 0.669                    | 1.000                           | N/A                                       | A49  |

| Simultaneous Transmissio Bands/Modes |                   | Scaled Multi-Band<br>1g SAR [W/kg] | Exposure Ratio<br>(1g SAR) | Plot |
|--------------------------------------|-------------------|------------------------------------|----------------------------|------|
| LTE Band 25 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.030                              | 0.644                      | A50  |
| LTE Band 30 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.270                              | 0.794                      | A51  |
| LTE Band 30 Ant 2b                   | 6 GHz WIFI Ant 1b | 1.110                              | 0.694                      | A52  |
| LTE Band 30 Ant 2b                   | NB U-NII 3 Ant 1b | 1.180                              | 0.738                      | A53  |
| LTE Band 7 Ant 2b                    | 5 GHz WIFI Ant 1b | 1.180                              | 0.738                      | A54  |
| LTE Band 7 Ant 2b                    | 6 GHz WIFI Ant 1b | 1.230                              | 0.769                      | A55  |
| LTE Band 7 Ant 2b                    | NB U-NII 3 Ant 1b | 1.270                              | 0.794                      | A56  |
| LTE Band 41 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.130                              | 0.706                      | A57  |
| LTE Band 41 Ant 2b                   | 6 GHz WIFI Ant 1b | 1.130                              | 0.706                      | A58  |
| LTE Band 41 Ant 2b                   | NB U-NII 3 Ant 1b | 1.050                              | 0.656                      | A59  |
| NR Band n25 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.000                              | 0.625                      | A60  |
| NR Band n30 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.170                              | 0.731                      | A61  |
| NR Band n30 Ant 2b                   | 6 GHz WIFI Ant 1b | 1.020                              | 0.638                      | A62  |
| NR Band n30 Ant 2b                   | NB U-NII 3 Ant 1b | 1.100                              | 0.688                      | A63  |
| NR Band n7 Ant 2b                    | 5 GHz WIFI Ant 1b | 1.290                              | 0.806                      | A64  |
| NR Band n7 Ant 2b                    | 6 GHz WIFI Ant 1b | 1.130                              | 0.706                      | A65  |
| NR Band n7 Ant 2b                    | NB U-NII 3 Ant 1b | 1.130                              | 0.706                      | A66  |
| NR Band n41 Ant 2b                   | 5 GHz WIFI Ant 1b | 1.300                              | 0.813                      | A67  |
| NR Band n41 Ant 2b                   | 6 GHz WIFI Ant 1b | 1.150                              | 0.719                      | A68  |
| NR Band n41 Ant 2b                   | NB U-NII 3 Ant 1b | 1.230                              | 0.769                      | A69  |

1. All volumetric zoom scans were performed with cDASY6/DASY8 SAR system. cDASY6/DASY8 Post processing requires enlarged zoom scans to overlap but does not require measurement point resolutions within the volumes to be identical for interpolation and superposition.
2. Each antenna was evaluated independently using the channel/configuration that produced the highest measured SAR when the standalone SAR was tested.
3. SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D04v01. The simultaneous transmission SAR results of the individual transmitters were scaled using cDASY6/DASY8 Post processing.

|                            |                    |                                   |
|----------------------------|--------------------|-----------------------------------|
| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 68 of 69      |

## F.7 Simultaneous Transmission Conclusion

The above numerical summed ER results, Volumetric, and spatial analysis for all the worst-case simultaneous transmission conditions were below the TER limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no more measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01 and IEEE 1528-2013 Section 6.3.4.1.2

|                            |                    |                                   |
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| FCC ID: BCGA3460           | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Tablet Device |                    | APPENDIX F:<br>Page 69 of 69      |