


LTE Band 2

| Bandwidth | Mod.    | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|---------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 1.4 MHz   | QPSK    | 1850.7          | 0.70            | 1 / 0          | 22.65                 | 23.35        | 0.216        | 33.01            | -9.66       |
|           |         | 1880.0          | 0.70            | 1 / 0          | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           |         | 1909.3          | 0.70            | 1 / 0          | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           | 16-QAM  | 1909.3          | 0.70            | 1 / 5          | 21.98                 | 22.68        | 0.185        | 33.01            | -10.33      |
|           | 64-QAM  | 1909.3          | 0.70            | 1 / 0          | 21.04                 | 21.74        | 0.149        | 33.01            | -11.27      |
|           | 256-QAM | 1909.3          | 0.70            | 1 / 5          | 18.02                 | 18.72        | 0.074        | 33.01            | -14.29      |
| 3 MHz     | QPSK    | 1851.5          | 0.70            | 1 / 0          | 22.40                 | 23.10        | 0.204        | 33.01            | -9.91       |
|           |         | 1880.0          | 0.70            | 1 / 0          | 22.67                 | <b>23.37</b> | 0.217        | 33.01            | -9.64       |
|           |         | 1908.5          | 0.70            | 1 / 0          | 22.60                 | 23.30        | 0.214        | 33.01            | -9.71       |
|           | 16-QAM  | 1908.5          | 0.70            | 1 / 0          | 22.06                 | 22.76        | 0.189        | 33.01            | -10.25      |
|           | 64-QAM  | 1908.5          | 0.70            | 1 / 0          | 20.87                 | 21.57        | 0.144        | 33.01            | -11.44      |
|           | 256-QAM | 1880.0          | 0.70            | 1 / 0          | 18.13                 | 18.83        | 0.076        | 33.01            | -14.18      |
| 5 MHz     | QPSK    | 1852.5          | 0.70            | 1 / 0          | 22.69                 | 23.39        | 0.218        | 33.01            | -9.62       |
|           |         | 1880.0          | 0.70            | 1 / 0          | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           |         | 1907.5          | 0.70            | 1 / 0          | 22.67                 | 23.37        | 0.217        | 33.01            | -9.64       |
|           | 16-QAM  | 1880.0          | 0.70            | 1 / 0          | 22.14                 | 22.84        | 0.192        | 33.01            | -10.17      |
|           | 64-QAM  | 1880.0          | 0.70            | 1 / 24         | 21.16                 | 21.86        | 0.153        | 33.01            | -11.15      |
|           | 256-QAM | 1880.0          | 0.70            | 1 / 24         | 17.98                 | 18.68        | 0.074        | 33.01            | -14.33      |
| 10 MHz    | QPSK    | 1855.0          | 0.70            | 1 / 25         | 22.46                 | 23.16        | 0.207        | 33.01            | -9.85       |
|           |         | 1880.0          | 0.70            | 1 / 49         | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           |         | 1905.0          | 0.70            | 1 / 25         | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           | 16-QAM  | 1905.0          | 0.70            | 1 / 25         | 22.13                 | 22.83        | 0.192        | 33.01            | -10.18      |
|           | 64-QAM  | 1905.0          | 0.70            | 1 / 49         | 20.92                 | 21.62        | 0.145        | 33.01            | -11.39      |
|           | 256-QAM | 1880.0          | 0.70            | 1 / 49         | 18.02                 | 18.72        | 0.074        | 33.01            | -14.29      |
| 15 MHz    | QPSK    | 1857.5          | 0.70            | 1 / 0          | 22.56                 | 23.26        | 0.212        | 33.01            | -9.75       |
|           |         | 1880.0          | 0.70            | 1 / 0          | 22.61                 | <b>23.31</b> | 0.214        | 33.01            | -9.70       |
|           |         | 1902.5          | 0.70            | 1 / 0          | 22.44                 | 23.14        | 0.206        | 33.01            | -9.87       |
|           | 16-QAM  | 1902.5          | 0.70            | 1 / 0          | 21.91                 | 22.61        | 0.182        | 33.01            | -10.40      |
|           | 64-QAM  | 1902.5          | 0.70            | 1 / 0          | 20.90                 | 21.60        | 0.145        | 33.01            | -11.41      |
|           | 256-QAM | 1902.5          | 0.70            | 1 / 0          | 17.93                 | 18.63        | 0.073        | 33.01            | -14.38      |
| 20 MHz    | QPSK    | 1860.0          | 0.70            | 1 / 0          | 22.47                 | 23.17        | 0.207        | 33.01            | -9.84       |
|           |         | 1880.0          | 0.70            | 1 / 0          | 22.32                 | 23.02        | 0.200        | 33.01            | -9.99       |
|           |         | 1900.0          | 0.70            | 1 / 0          | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           | 16-QAM  | 1880.0          | 0.70            | 1 / 0          | 22.23                 | 22.93        | 0.196        | 33.01            | -10.08      |
|           | 64-QAM  | 1900.0          | 0.70            | 1 / 0          | 20.99                 | 21.69        | 0.148        | 33.01            | -11.32      |
|           | 256-QAM | 1900.0          | 0.70            | 1 / 0          | 18.04                 | 18.74        | 0.075        | 33.01            | -14.27      |

Table 7-8. Antenna 1b EIRP Data (LTE Band 2)

|   |  |                            |                                   |
|---|--|----------------------------|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device | Page 181 of 217                   |

NR Band n25

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|------------|--------------|------------------|-------------|
| 5 MHz     | π/2 BPSK | 1852.5          | 0.70            | 1 / 1          | 22.55                 | 23.25      | 0.211        | 33.01            | -9.76       |
|           |          | 1882.5          | 0.70            | 1 / 12         | 22.68                 | 23.38      | 0.218        | 33.01            | -9.63       |
|           |          | 1912.5          | 0.70            | 1 / 23         | 22.65                 | 23.35      | 0.216        | 33.01            | -9.66       |
|           | QPSK     | 1852.5          | 0.70            | 1 / 1          | 22.60                 | 23.30      | 0.214        | 33.01            | -9.71       |
|           |          | 1882.5          | 0.70            | 1 / 23         | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           |          | 1912.5          | 0.70            | 1 / 12         | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           | 16-QAM   | 1882.5          | 0.70            | 1 / 23         | 21.82                 | 22.52      | 0.179        | 33.01            | -10.49      |
|           | 64-QAM   | 1852.5          | 0.70            | 1 / 1          | 20.79                 | 21.49      | 0.141        | 33.01            | -11.52      |
|           | 256-QAM  | 1912.5          | 0.70            | 1 / 12         | 18.73                 | 19.43      | 0.088        | 33.01            | -13.58      |
| 10 MHz    | π/2 BPSK | 1855.0          | 0.70            | 1 / 1          | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           |          | 1882.5          | 0.70            | 1 / 25         | 22.62                 | 23.32      | 0.215        | 33.01            | -9.69       |
|           |          | 1910.0          | 0.70            | 1 / 50         | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           | QPSK     | 1855.0          | 0.70            | 1 / 25         | 22.64                 | 23.34      | 0.216        | 33.01            | -9.67       |
|           |          | 1882.5          | 0.70            | 1 / 25         | 22.65                 | 23.35      | 0.216        | 33.01            | -9.66       |
|           |          | 1910.0          | 0.70            | 1 / 50         | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           | 16-QAM   | 1910.0          | 0.70            | 1 / 25         | 22.10                 | 22.80      | 0.191        | 33.01            | -10.21      |
|           | 64-QAM   | 1855.0          | 0.70            | 1 / 1          | 20.60                 | 21.30      | 0.135        | 33.01            | -11.71      |
|           | 256-QAM  | 1882.5          | 0.70            | 1 / 1          | 18.48                 | 19.18      | 0.083        | 33.01            | -13.83      |
| 15 MHz    | π/2 BPSK | 1857.5          | 0.70            | 1 / 77         | 22.38                 | 23.08      | 0.203        | 33.01            | -9.93       |
|           |          | 1882.5          | 0.70            | 1 / 77         | 22.57                 | 23.27      | 0.212        | 33.01            | -9.74       |
|           |          | 1907.5          | 0.70            | 1 / 36         | 22.54                 | 23.24      | 0.211        | 33.01            | -9.77       |
|           | QPSK     | 1857.5          | 0.70            | 1 / 77         | 22.41                 | 23.11      | 0.205        | 33.01            | -9.90       |
|           |          | 1882.5          | 0.70            | 1 / 77         | 22.64                 | 23.34      | 0.216        | 33.01            | -9.67       |
|           |          | 1907.5          | 0.70            | 1 / 36         | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           | 16-QAM   | 1907.5          | 0.70            | 1 / 1          | 21.92                 | 22.62      | 0.183        | 33.01            | -10.39      |
|           | 64-QAM   | 1882.5          | 0.70            | 1 / 77         | 20.57                 | 21.27      | 0.134        | 33.01            | -11.74      |
|           | 256-QAM  | 1907.5          | 0.70            | 1 / 1          | 19.14                 | 19.84      | 0.096        | 33.01            | -13.17      |
| 20 MHz    | π/2 BPSK | 1860.0          | 0.70            | 1 / 104        | 22.63                 | 23.33      | 0.215        | 33.01            | -9.68       |
|           |          | 1882.5          | 0.70            | 1 / 104        | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           |          | 1905.0          | 0.70            | 1 / 1          | 22.67                 | 23.37      | 0.217        | 33.01            | -9.64       |
|           | QPSK     | 1860.0          | 0.70            | 1 / 104        | 22.57                 | 23.27      | 0.212        | 33.01            | -9.74       |
|           |          | 1882.5          | 0.70            | 1 / 104        | 22.68                 | 23.38      | 0.218        | 33.01            | -9.63       |
|           |          | 1905.0          | 0.70            | 1 / 50         | 22.66                 | 23.36      | 0.217        | 33.01            | -9.65       |
|           | 16-QAM   | 1882.5          | 0.70            | 1 / 104        | 21.97                 | 22.67      | 0.185        | 33.01            | -10.34      |
|           | 64-QAM   | 1882.5          | 0.70            | 1 / 50         | 20.80                 | 21.50      | 0.141        | 33.01            | -11.51      |
|           | 256-QAM  | 1882.5          | 0.70            | 1 / 104        | 18.64                 | 19.34      | 0.086        | 33.01            | -13.67      |
| 25 MHz    | π/2 BPSK | 1862.5          | 0.70            | 1 / 131        | 22.53                 | 23.23      | 0.211        | 33.01            | -9.78       |
|           |          | 1882.5          | 0.70            | 1 / 131        | 22.58                 | 23.28      | 0.213        | 33.01            | -9.73       |
|           |          | 1902.5          | 0.70            | 1 / 1          | 22.64                 | 23.34      | 0.216        | 33.01            | -9.67       |
|           | QPSK     | 1862.5          | 0.70            | 1 / 131        | 22.62                 | 23.32      | 0.215        | 33.01            | -9.69       |
|           |          | 1882.5          | 0.70            | 1 / 131        | 22.56                 | 23.26      | 0.212        | 33.01            | -9.75       |
|           |          | 1902.5          | 0.70            | 1 / 1          | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           | 16-QAM   | 1902.5          | 0.70            | 1 / 1          | 21.83                 | 22.53      | 0.179        | 33.01            | -10.48      |
|           | 64-QAM   | 1882.5          | 0.70            | 1 / 131        | 20.71                 | 21.41      | 0.138        | 33.01            | -11.60      |
|           | 256-QAM  | 1882.5          | 0.70            | 1 / 131        | 18.64                 | 19.34      | 0.086        | 33.01            | -13.67      |
| 30 MHz    | π/2 BPSK | 1865.0          | 0.70            | 1 / 158        | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           |          | 1882.5          | 0.70            | 1 / 158        | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
|           |          | 1900.0          | 0.70            | 1 / 80         | 22.68                 | 23.38      | 0.218        | 33.01            | -9.63       |
|           | QPSK     | 1865.0          | 0.70            | 1 / 158        | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           |          | 1882.5          | 0.70            | 1 / 80         | 22.68                 | 23.38      | 0.218        | 33.01            | -9.63       |
|           |          | 1900.0          | 0.70            | 1 / 1          | 22.67                 | 23.37      | 0.217        | 33.01            | -9.64       |
| 16-QAM    | 1865.0   | 0.70            | 1 / 158         | 21.90          | 22.60                 | 0.182      | 33.01        | -10.41           |             |
| 64-QAM    | 1882.5   | 0.70            | 1 / 158         | 20.84          | 21.54                 | 0.143      | 33.01        | -11.47           |             |
| 256-QAM   | 1882.5   | 0.70            | 1 / 158         | 18.88          | 19.58                 | 0.091      | 33.01        | -13.43           |             |
| 35 MHz    | π/2 BPSK | 1867.5          | 0.70            | 1 / 1          | 22.46                 | 23.16      | 0.207        | 33.01            | -9.85       |
|           |          | 1882.5          | 0.70            | 1 / 90         | 22.62                 | 23.32      | 0.215        | 33.01            | -9.69       |
|           |          | 1897.5          | 0.70            | 1 / 90         | 22.67                 | 23.37      | 0.217        | 33.01            | -9.64       |
|           | QPSK     | 1867.5          | 0.70            | 1 / 186        | 22.46                 | 23.16      | 0.207        | 33.01            | -9.85       |
|           |          | 1882.5          | 0.70            | 1 / 90         | 22.62                 | 23.32      | 0.215        | 33.01            | -9.69       |
|           |          | 1897.5          | 0.70            | 1 / 1          | 22.68                 | 23.38      | 0.218        | 33.01            | -9.63       |
| 16-QAM    | 1897.5   | 0.70            | 1 / 90          | 21.76          | 22.46                 | 0.176      | 33.01        | -10.55           |             |
| 64-QAM    | 1867.5   | 0.70            | 1 / 186         | 20.91          | 21.61                 | 0.145      | 33.01        | -11.40           |             |
| 256-QAM   | 1867.5   | 0.70            | 1 / 186         | 19.22          | 19.92                 | 0.098      | 33.01        | -13.09           |             |
| 40 MHz    | π/2 BPSK | 1870.0          | 0.70            | 1 / 214        | 22.66                 | 23.36      | 0.217        | 33.01            | -9.65       |
|           |          | 1882.5          | 0.70            | 1 / 108        | 22.57                 | 23.27      | 0.212        | 33.01            | -9.74       |
|           |          | 1895.0          | 0.70            | 1 / 214        | 22.67                 | 23.37      | 0.217        | 33.01            | -9.65       |
|           | QPSK     | 1870.0          | 0.70            | 1 / 214        | 22.61                 | 23.31      | 0.214        | 33.01            | -9.70       |
|           |          | 1882.5          | 0.70            | 1 / 108        | 22.69                 | 23.39      | 0.218        | 33.01            | -9.62       |
|           |          | 1895.0          | 0.70            | 1 / 108        | 22.70                 | 23.40      | 0.219        | 33.01            | -9.61       |
| 16-QAM    | 1870.0   | 0.70            | 1 / 108         | 21.79          | 22.49                 | 0.177      | 33.01        | -10.52           |             |
| 64-QAM    | 1895.0   | 0.70            | 1 / 1           | 20.99          | 21.69                 | 0.148      | 33.01        | -11.32           |             |
| 256-QAM   | 1882.5   | 0.70            | 1 / 108         | 18.75          | 19.45                 | 0.088      | 33.01        | -13.56           |             |


Table 7-9. Antenna 1b EIRP Data (NR Band n25)

|   |  |                            |                                   |
|---|--|----------------------------|-----------------------------------|
| FCC ID: BCGA2899                        |  | PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024 | EUT Type:<br>Tablet Device | Page 182 of 217                   |

NR Band n2

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 5 MHz     | π/2 BPSK | 1852.5          | 0.70            | 1 / 1          | 22.32                 | 23.02        | 0.200        | 33.01            | -9.99       |
|           |          | 1880.0          | 0.70            | 1 / 1          | 22.36                 | 23.06        | 0.202        | 33.01            | -9.95       |
|           |          | 1907.5          | 0.70            | 1 / 1          | 22.44                 | 23.14        | 0.206        | 33.01            | -9.87       |
|           | QPSK     | 1852.5          | 0.70            | 1 / 1          | 22.35                 | 23.05        | 0.202        | 33.01            | -9.96       |
|           |          | 1880.0          | 0.70            | 1 / 1          | 22.51                 | 23.21        | 0.209        | 33.01            | -9.80       |
|           |          | 1907.5          | 0.70            | 1 / 1          | 22.61                 | <b>23.31</b> | 0.214        | 33.01            | -9.70       |
|           | 16-QAM   | 1907.5          | 0.70            | 1 / 12         | 21.68                 | 22.38        | 0.173        | 33.01            | -10.63      |
| 64-QAM    | 1907.5   | 0.70            | 1 / 12          | 20.17          | 20.87                 | 0.122        | 33.01        | -12.14           |             |
| 256-QAM   | 1907.5   | 0.70            | 1 / 1           | 18.26          | 18.96                 | 0.079        | 33.01        | -14.05           |             |
| 10 MHz    | π/2 BPSK | 1855.0          | 0.70            | 1 / 1          | 22.32                 | 23.02        | 0.200        | 33.01            | -9.99       |
|           |          | 1880.0          | 0.70            | 1 / 25         | 22.49                 | 23.19        | 0.208        | 33.01            | -9.82       |
|           |          | 1905.0          | 0.70            | 1 / 1          | 22.57                 | 23.27        | 0.213        | 33.01            | -9.74       |
|           | QPSK     | 1855.0          | 0.70            | 1 / 1          | 22.32                 | 23.02        | 0.200        | 33.01            | -9.99       |
|           |          | 1880.0          | 0.70            | 1 / 25         | 22.49                 | 23.19        | 0.208        | 33.01            | -9.82       |
|           |          | 1905.0          | 0.70            | 1 / 25         | 22.60                 | <b>23.30</b> | 0.214        | 33.01            | -9.71       |
|           | 16-QAM   | 1855.0          | 0.70            | 1 / 1          | 21.61                 | 22.31        | 0.170        | 33.01            | -10.70      |
| 64-QAM    | 1905.0   | 0.70            | 1 / 25          | 20.19          | 20.89                 | 0.123        | 33.01        | -12.12           |             |
| 256-QAM   | 1905.0   | 0.70            | 1 / 1           | 18.20          | 18.90                 | 0.078        | 33.01        | -14.11           |             |
| 15 MHz    | π/2 BPSK | 1857.5          | 0.70            | 1 / 1          | 22.38                 | 23.08        | 0.203        | 33.01            | -9.93       |
|           |          | 1880.0          | 0.70            | 1 / 77         | 22.61                 | 23.31        | 0.214        | 33.01            | -9.70       |
|           |          | 1902.5          | 0.70            | 1 / 36         | 22.63                 | 23.33        | 0.215        | 33.01            | -9.68       |
|           | QPSK     | 1857.5          | 0.70            | 1 / 77         | 22.34                 | 23.04        | 0.201        | 33.01            | -9.97       |
|           |          | 1880.0          | 0.70            | 1 / 77         | 22.66                 | <b>23.36</b> | 0.217        | 33.01            | -9.65       |
|           |          | 1902.5          | 0.70            | 1 / 36         | 22.63                 | 23.33        | 0.215        | 33.01            | -9.68       |
|           | 16-QAM   | 1902.5          | 0.70            | 1 / 1          | 21.87                 | 22.57        | 0.181        | 33.01            | -10.44      |
| 64-QAM    | 1902.5   | 0.70            | 1 / 77          | 20.35          | 21.05                 | 0.127        | 33.01        | -11.96           |             |
| 256-QAM   | 1880.0   | 0.70            | 1 / 77          | 18.33          | 19.03                 | 0.080        | 33.01        | -13.98           |             |
| 20 MHz    | π/2 BPSK | 1860.0          | 0.70            | 1 / 104        | 22.42                 | 23.12        | 0.205        | 33.01            | -9.89       |
|           |          | 1880.0          | 0.70            | 1 / 50         | 22.70                 | <b>23.40</b> | 0.219        | 33.01            | -9.61       |
|           |          | 1900.0          | 0.70            | 1 / 1          | 22.62                 | 23.32        | 0.215        | 33.01            | -9.69       |
|           | QPSK     | 1860.0          | 0.70            | 1 / 104        | 22.44                 | 23.14        | 0.206        | 33.01            | -9.87       |
|           |          | 1880.0          | 0.70            | 1 / 104        | 22.66                 | 23.36        | 0.217        | 33.01            | -9.65       |
|           |          | 1900.0          | 0.70            | 1 / 50         | 22.68                 | 23.38        | 0.218        | 33.01            | -9.63       |
|           | 16-QAM   | 1900.0          | 0.70            | 1 / 1          | 21.77                 | 22.47        | 0.176        | 33.01            | -10.54      |
| 64-QAM    | 1900.0   | 0.70            | 1 / 104         | 20.34          | 21.04                 | 0.127        | 33.01        | -11.97           |             |
| 256-QAM   | 1900.0   | 0.70            | 1 / 50          | 18.31          | 19.01                 | 0.080        | 33.01        | -14.00           |             |


Table 7-10. Antenna 1b EIRP Data (NR Band n2)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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WCDMA PCS

| Frequency [MHz] | Mode      | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-----------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1852.40         | WCDMA1900 | 22.58                 | 0.70            | 23.28        | 0.213        | 33.01            | -9.73       |
| 1880.00         | WCDMA1900 | 22.62                 | 0.70            | <b>23.32</b> | <b>0.215</b> | 33.01            | -9.69       |
| 1907.60         | WCDMA1900 | 22.49                 | 0.70            | 23.19        | 0.208        | 33.01            | -9.82       |

Table 7-11. Antenna 1b EIRP Data (WCDMA PCS)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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V2.2 09/07/2023

### 7.6.3 Antenna 3b – EIRP

#### LTE Band 25

| Bandwidth | Mod.    | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|---------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 1.4 MHz   | QPSK    | 1850.7          | 0.20            | 1 / 5          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1882.5          | 0.20            | 1 / 0          | 24.54                 | 24.74        | 0.298        | 33.01            | -8.27       |
|           |         | 1914.3          | 0.20            | 1 / 0          | 24.63                 | 24.83        | 0.304        | 33.01            | -8.18       |
|           | 16-QAM  | 1914.3          | 0.20            | 1 / 3          | 23.89                 | 24.09        | 0.256        | 33.01            | -8.92       |
|           | 64-QAM  | 1850.7          | 0.20            | 1 / 0          | 23.00                 | 23.20        | 0.209        | 33.01            | -9.81       |
|           | 256-QAM | 1882.5          | 0.20            | 1 / 0          | 20.06                 | 20.26        | 0.106        | 33.01            | -12.75      |
| 3 MHz     | QPSK    | 1851.5          | 0.20            | 1 / 0          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1882.5          | 0.20            | 1 / 0          | 24.51                 | 24.71        | 0.296        | 33.01            | -8.30       |
|           |         | 1913.5          | 0.20            | 1 / 0          | 24.31                 | 24.51        | 0.282        | 33.01            | -8.50       |
|           | 16-QAM  | 1851.5          | 0.20            | 1 / 0          | 24.06                 | 24.26        | 0.267        | 33.01            | -8.75       |
|           | 64-QAM  | 1851.5          | 0.20            | 1 / 0          | 22.93                 | 23.13        | 0.206        | 33.01            | -9.88       |
|           | 256-QAM | 1851.5          | 0.20            | 1 / 0          | 20.13                 | 20.33        | 0.108        | 33.01            | -12.68      |
| 5 MHz     | QPSK    | 1852.5          | 0.20            | 1 / 0          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1882.5          | 0.20            | 1 / 0          | 24.57                 | 24.77        | 0.300        | 33.01            | -8.24       |
|           |         | 1912.5          | 0.20            | 1 / 0          | 24.56                 | 24.76        | 0.299        | 33.01            | -8.25       |
|           | 16-QAM  | 1852.5          | 0.20            | 1 / 0          | 24.19                 | 24.39        | 0.275        | 33.01            | -8.62       |
|           | 64-QAM  | 1852.5          | 0.20            | 1 / 24         | 22.95                 | 23.15        | 0.207        | 33.01            | -9.86       |
|           | 256-QAM | 1852.5          | 0.20            | 1 / 0          | 20.07                 | 20.27        | 0.106        | 33.01            | -12.74      |
| 10 MHz    | QPSK    | 1855.0          | 0.20            | 1 / 25         | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1882.5          | 0.20            | 1 / 0          | 24.52                 | 24.72        | 0.296        | 33.01            | -8.29       |
|           |         | 1910.0          | 0.20            | 1 / 25         | 24.34                 | 24.54        | 0.284        | 33.01            | -8.47       |
|           | 16-QAM  | 1855.0          | 0.20            | 1 / 49         | 24.03                 | 24.23        | 0.265        | 33.01            | -8.78       |
|           | 64-QAM  | 1855.0          | 0.20            | 1 / 25         | 22.87                 | 23.07        | 0.203        | 33.01            | -9.94       |
|           | 256-QAM | 1855.0          | 0.20            | 1 / 0          | 20.17                 | 20.37        | 0.109        | 33.01            | -12.64      |
| 15 MHz    | QPSK    | 1857.5          | 0.20            | 1 / 0          | 24.59                 | <b>24.79</b> | 0.301        | 33.01            | -8.22       |
|           |         | 1882.5          | 0.20            | 1 / 37         | 24.52                 | 24.72        | 0.296        | 33.01            | -8.29       |
|           |         | 1907.5          | 0.20            | 1 / 0          | 24.30                 | 24.50        | 0.282        | 33.01            | -8.51       |
|           | 16-QAM  | 1857.5          | 0.20            | 1 / 0          | 23.97                 | 24.17        | 0.261        | 33.01            | -8.84       |
|           | 64-QAM  | 1857.5          | 0.20            | 1 / 0          | 22.89                 | 23.09        | 0.204        | 33.01            | -9.92       |
|           | 256-QAM | 1857.5          | 0.20            | 1 / 74         | 20.13                 | 20.33        | 0.108        | 33.01            | -12.68      |
| 20 MHz    | QPSK    | 1860.0          | 0.20            | 1 / 0          | 24.60                 | <b>24.80</b> | 0.302        | 33.01            | -8.21       |
|           |         | 1882.5          | 0.20            | 1 / 0          | 24.47                 | 24.67        | 0.293        | 33.01            | -8.34       |
|           |         | 1905.0          | 0.20            | 1 / 0          | 24.39                 | 24.59        | 0.288        | 33.01            | -8.42       |
|           | 16-QAM  | 1882.5          | 0.20            | 1 / 0          | 24.07                 | 24.27        | 0.267        | 33.01            | -8.74       |
|           | 64-QAM  | 1860.0          | 0.20            | 1 / 0          | 22.88                 | 23.08        | 0.203        | 33.01            | -9.93       |
|           | 256-QAM | 1860.0          | 0.20            | 1 / 0          | 20.03                 | 20.23        | 0.105        | 33.01            | -12.78      |


Table 7-12. Antenna 3b EIRP Data (LTE Band 25)

|   |   |                            |                                   |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2899                        |  | PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024  | EUT Type:<br>Tablet Device | Page 185 of 217                   |

LTE Band 2


| Bandwidth | Mod.    | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|---------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 1.4 MHz   | QPSK    | 1850.7          | 0.20            | 1 / 3          | 24.60                 | 24.80        | 0.302        | 33.01            | -8.21       |
|           |         | 1880.0          | 0.20            | 1 / 0          | 24.68                 | <b>24.88</b> | 0.308        | 33.01            | -8.13       |
|           |         | 1909.3          | 0.20            | 1 / 0          | 24.56                 | 24.76        | 0.299        | 33.01            | -8.25       |
|           | 16-QAM  | 1909.3          | 0.20            | 1 / 0          | 23.99                 | 24.19        | 0.262        | 33.01            | -8.82       |
|           | 64-QAM  | 1880.0          | 0.20            | 1 / 0          | 22.91                 | 23.11        | 0.205        | 33.01            | -9.90       |
|           | 256-QAM | 1880.0          | 0.20            | 1 / 3          | 20.06                 | 20.26        | 0.106        | 33.01            | -12.75      |
| 3 MHz     | QPSK    | 1851.5          | 0.20            | 1 / 0          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1880.0          | 0.20            | 1 / 0          | 24.53                 | 24.73        | 0.297        | 33.01            | -8.28       |
|           |         | 1908.5          | 0.20            | 1 / 0          | 24.42                 | 24.62        | 0.290        | 33.01            | -8.39       |
|           | 16-QAM  | 1851.5          | 0.20            | 1 / 0          | 23.93                 | 24.13        | 0.259        | 33.01            | -8.88       |
|           | 64-QAM  | 1851.5          | 0.20            | 1 / 0          | 22.87                 | 23.07        | 0.203        | 33.01            | -9.94       |
|           | 256-QAM | 1851.5          | 0.20            | 1 / 0          | 20.02                 | 20.22        | 0.105        | 33.01            | -12.79      |
| 5 MHz     | QPSK    | 1852.5          | 0.20            | 1 / 0          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           |         | 1880.0          | 0.20            | 1 / 0          | 24.59                 | 24.79        | 0.301        | 33.01            | -8.22       |
|           |         | 1907.5          | 0.20            | 1 / 0          | 24.70                 | <b>24.90</b> | 0.309        | 33.01            | -8.11       |
|           | 16-QAM  | 1907.5          | 0.20            | 1 / 0          | 24.09                 | 24.29        | 0.269        | 33.01            | -8.72       |
|           | 64-QAM  | 1852.5          | 0.20            | 1 / 0          | 22.96                 | 23.16        | 0.207        | 33.01            | -9.85       |
|           | 256-QAM | 1880.0          | 0.20            | 1 / 0          | 20.15                 | 20.35        | 0.108        | 33.01            | -12.66      |
| 10 MHz    | QPSK    | 1855.0          | 0.20            | 1 / 49         | 24.66                 | <b>24.86</b> | 0.306        | 33.01            | -8.15       |
|           |         | 1880.0          | 0.20            | 1 / 49         | 24.59                 | 24.79        | 0.301        | 33.01            | -8.22       |
|           |         | 1905.0          | 0.20            | 1 / 0          | 24.44                 | 24.64        | 0.291        | 33.01            | -8.37       |
|           | 16-QAM  | 1880.0          | 0.20            | 1 / 25         | 24.01                 | 24.21        | 0.264        | 33.01            | -8.80       |
|           | 64-QAM  | 1855.0          | 0.20            | 1 / 0          | 22.81                 | 23.01        | 0.200        | 33.01            | -10.00      |
|           | 256-QAM | 1855.0          | 0.20            | 1 / 25         | 19.93                 | 20.13        | 0.103        | 33.01            | -12.88      |
| 15 MHz    | QPSK    | 1857.5          | 0.20            | 1 / 0          | 24.51                 | 24.71        | 0.296        | 33.01            | -8.30       |
|           |         | 1880.0          | 0.20            | 1 / 0          | 24.52                 | <b>24.72</b> | 0.296        | 33.01            | -8.29       |
|           |         | 1902.5          | 0.20            | 1 / 0          | 24.32                 | 24.52        | 0.283        | 33.01            | -8.49       |
|           | 16-QAM  | 1857.5          | 0.20            | 1 / 74         | 24.01                 | 24.21        | 0.264        | 33.01            | -8.80       |
|           | 64-QAM  | 1880.0          | 0.20            | 1 / 0          | 22.87                 | 23.07        | 0.203        | 33.01            | -9.94       |
|           | 256-QAM | 1857.5          | 0.20            | 1 / 74         | 20.04                 | 20.24        | 0.106        | 33.01            | -12.77      |
| 20 MHz    | QPSK    | 1860.0          | 0.20            | 1 / 0          | 24.59                 | <b>24.79</b> | 0.301        | 33.01            | -8.22       |
|           |         | 1880.0          | 0.20            | 1 / 0          | 24.42                 | 24.62        | 0.290        | 33.01            | -8.39       |
|           |         | 1900.0          | 0.20            | 1 / 0          | 24.48                 | 24.68        | 0.294        | 33.01            | -8.33       |
|           | 16-QAM  | 1900.0          | 0.20            | 1 / 0          | 24.22                 | 24.42        | 0.277        | 33.01            | -8.59       |
|           | 64-QAM  | 1880.0          | 0.20            | 1 / 0          | 23.05                 | 23.25        | 0.211        | 33.01            | -9.76       |
|           | 256-QAM | 1900.0          | 0.20            | 1 / 0          | 19.97                 | 20.17        | 0.104        | 33.01            | -12.84      |

Table 7-13. Antenna 3b EIRP Data (LTE Band 2)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
|   |  | Page 186 of 217                   |

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 5 MHz     | π/2 BPSK | 1852.5          | 0.20            | 1 / 1          | 24.68                 | 24.88        | 0.308        | 33.01            | -8.13       |
|           |          | 1882.5          | 0.20            | 1 / 1          | 24.66                 | 24.86        | 0.306        | 33.01            | -8.15       |
|           |          | 1912.5          | 0.20            | 1 / 1          | 24.69                 | 24.89        | 0.308        | 33.01            | -8.12       |
|           | QPSK     | 1852.5          | 0.20            | 1 / 1          | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           |          | 1882.5          | 0.20            | 1 / 12         | 24.65                 | 24.85        | 0.305        | 33.01            | -8.16       |
|           |          | 1912.5          | 0.20            | 1 / 1          | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           | 16-QAM   | 1882.5          | 0.20            | 1 / 1          | 23.90                 | 24.10        | 0.257        | 33.01            | -8.91       |
|           | 64-QAM   | 1912.5          | 0.20            | 1 / 1          | 22.98                 | 23.18        | 0.208        | 33.01            | -9.83       |
|           | 256-QAM  | 1882.5          | 0.20            | 1 / 23         | 20.68                 | 20.88        | 0.122        | 33.01            | -12.13      |
| 10 MHz    | π/2 BPSK | 1855.0          | 0.20            | 1 / 25         | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           |          | 1882.5          | 0.20            | 1 / 1          | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           |          | 1910.0          | 0.20            | 1 / 1          | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           | QPSK     | 1855.0          | 0.20            | 1 / 25         | 24.60                 | 24.80        | 0.302        | 33.01            | -8.21       |
|           |          | 1882.5          | 0.20            | 1 / 1          | 24.68                 | 24.88        | 0.308        | 33.01            | -8.13       |
|           |          | 1910.0          | 0.20            | 1 / 1          | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           | 16-QAM   | 1910.0          | 0.20            | 1 / 1          | 23.89                 | 24.09        | 0.256        | 33.01            | -8.92       |
|           | 64-QAM   | 1882.5          | 0.20            | 1 / 1          | 22.95                 | 23.15        | 0.206        | 33.01            | -9.86       |
|           | 256-QAM  | 1855.0          | 0.20            | 1 / 1          | 20.99                 | 21.19        | 0.132        | 33.01            | -11.82      |
| 15 MHz    | π/2 BPSK | 1857.5          | 0.20            | 1 / 1          | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           |          | 1882.5          | 0.20            | 1 / 1          | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           |          | 1907.5          | 0.20            | 1 / 36         | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           | QPSK     | 1857.5          | 0.20            | 1 / 77         | 24.58                 | 24.78        | 0.301        | 33.01            | -8.23       |
|           |          | 1882.5          | 0.20            | 1 / 36         | 24.65                 | 24.85        | 0.305        | 33.01            | -8.16       |
|           |          | 1907.5          | 0.20            | 1 / 1          | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           | 16-QAM   | 1882.5          | 0.20            | 1 / 77         | 23.79                 | 23.99        | 0.251        | 33.01            | -9.02       |
|           | 64-QAM   | 1907.5          | 0.20            | 1 / 77         | 22.83                 | 23.03        | 0.201        | 33.01            | -9.98       |
|           | 256-QAM  | 1907.5          | 0.20            | 1 / 77         | 20.85                 | 21.05        | 0.127        | 33.01            | -11.96      |
| 20 MHz    | π/2 BPSK | 1860.0          | 0.20            | 1 / 98         | 24.42                 | 24.62        | 0.290        | 33.01            | -8.39       |
|           |          | 1882.5          | 0.20            | 1 / 50         | 24.55                 | 24.75        | 0.298        | 33.01            | -8.26       |
|           |          | 1905.0          | 0.20            | 1 / 1          | 24.55                 | 24.75        | 0.299        | 33.01            | -8.26       |
|           | QPSK     | 1860.0          | 0.20            | 1 / 98         | 24.43                 | 24.63        | 0.291        | 33.01            | -8.38       |
|           |          | 1882.5          | 0.20            | 1 / 50         | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           |          | 1905.0          | 0.20            | 1 / 1          | 24.62                 | 24.82        | 0.304        | 33.01            | -8.19       |
|           | 16-QAM   | 1905.0          | 0.20            | 1 / 1          | 23.96                 | 24.16        | 0.261        | 33.01            | -8.85       |
|           | 64-QAM   | 1882.5          | 0.20            | 1 / 98         | 22.62                 | 22.82        | 0.192        | 33.01            | -10.19      |
|           | 256-QAM  | 1882.5          | 0.20            | 1 / 50         | 20.47                 | 20.67        | 0.117        | 33.01            | -12.34      |
| 25 MHz    | π/2 BPSK | 1862.5          | 0.20            | 1 / 131        | 24.58                 | 24.78        | 0.300        | 33.01            | -8.23       |
|           |          | 1882.5          | 0.20            | 1 / 64         | 24.61                 | 24.81        | 0.303        | 33.01            | -8.20       |
|           |          | 1902.5          | 0.20            | 1 / 64         | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           | QPSK     | 1862.5          | 0.20            | 1 / 131        | 24.53                 | 24.73        | 0.297        | 33.01            | -8.28       |
|           |          | 1882.5          | 0.20            | 1 / 131        | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           |          | 1902.5          | 0.20            | 1 / 64         | 24.67                 | 24.87        | 0.307        | 33.01            | -8.15       |
|           | 16-QAM   | 1902.5          | 0.20            | 1 / 64         | 23.88                 | 24.08        | 0.256        | 33.01            | -8.93       |
|           | 64-QAM   | 1882.5          | 0.20            | 1 / 64         | 22.89                 | 23.09        | 0.204        | 33.01            | -9.92       |
|           | 256-QAM  | 1882.5          | 0.20            | 1 / 64         | 20.96                 | 21.16        | 0.130        | 33.01            | -11.86      |
| 30 MHz    | π/2 BPSK | 1865.0          | 0.20            | 1 / 158        | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           |          | 1882.5          | 0.20            | 1 / 158        | 24.68                 | 24.88        | 0.307        | 33.01            | -8.13       |
|           |          | 1900.0          | 0.20            | 1 / 158        | 24.60                 | 24.80        | 0.302        | 33.01            | -8.21       |
|           | QPSK     | 1865.0          | 0.20            | 1 / 158        | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           |          | 1882.5          | 0.20            | 1 / 158        | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           |          | 1900.0          | 0.20            | 1 / 1          | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           | 16-QAM   | 1900.0          | 0.20            | 1 / 1          | 23.90                 | 24.10        | 0.257        | 33.01            | -8.91       |
|           | 64-QAM   | 1900.0          | 0.20            | 1 / 158        | 22.71                 | 22.91        | 0.196        | 33.01            | -10.10      |
|           | 256-QAM  | 1900.0          | 0.20            | 1 / 1          | 20.74                 | 20.94        | 0.124        | 33.01            | -12.07      |
| 35 MHz    | π/2 BPSK | 1867.5          | 0.20            | 1 / 90         | 24.64                 | 24.84        | 0.305        | 33.01            | -8.17       |
|           |          | 1882.5          | 0.20            | 1 / 90         | 24.66                 | 24.86        | 0.306        | 33.01            | -8.16       |
|           |          | 1897.5          | 0.20            | 1 / 1          | 24.67                 | 24.87        | 0.307        | 33.01            | -8.14       |
|           | QPSK     | 1867.5          | 0.20            | 1 / 90         | 24.60                 | 24.80        | 0.302        | 33.01            | -8.21       |
|           |          | 1882.5          | 0.20            | 1 / 90         | 24.68                 | 24.88        | 0.308        | 33.01            | -8.13       |
|           |          | 1897.5          | 0.20            | 1 / 1          | 24.69                 | 24.89        | 0.308        | 33.01            | -8.12       |
|           | 16-QAM   | 1882.5          | 0.20            | 1 / 1          | 24.02                 | 24.22        | 0.264        | 33.01            | -8.79       |
|           | 64-QAM   | 1867.5          | 0.20            | 1 / 186        | 22.98                 | 23.18        | 0.208        | 33.01            | -9.83       |
|           | 256-QAM  | 1867.5          | 0.20            | 1 / 186        | 21.03                 | 21.23        | 0.133        | 33.01            | -11.78      |
| 40 MHz    | π/2 BPSK | 1870.0          | 0.20            | 1 / 214        | 24.60                 | 24.80        | 0.302        | 33.01            | -8.21       |
|           |          | 1882.5          | 0.20            | 1 / 108        | 24.63                 | 24.83        | 0.304        | 33.01            | -8.18       |
|           |          | 1895.0          | 0.20            | 1 / 214        | 24.63                 | 24.83        | 0.304        | 33.01            | -8.18       |
|           | QPSK     | 1870.0          | 0.20            | 1 / 214        | 24.65                 | 24.85        | 0.306        | 33.01            | -8.16       |
|           |          | 1882.5          | 0.20            | 1 / 108        | 24.57                 | 24.77        | 0.300        | 33.01            | -8.24       |
|           |          | 1895.0          | 0.20            | 1 / 214        | 24.69                 | <b>24.89</b> | 0.308        | 33.01            | -8.12       |
|           | 16-QAM   | 1895.0          | 0.20            | 1 / 108        | 23.83                 | 24.03        | 0.253        | 33.01            | -8.98       |
|           | 64-QAM   | 1870.0          | 0.20            | 1 / 108        | 22.94                 | 23.14        | 0.206        | 33.01            | -9.87       |
|           | 256-QAM  | 1882.5          | 0.20            | 1 / 108        | 20.83                 | 21.03        | 0.127        | 33.01            | -11.98      |


Table 7-14. Antenna 3b EIRP Data (NR Band n25)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | Page 187 of 217                   |
|   | EUT Type:<br>Tablet Device   |                                   |

NR Band n2

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 5 MHz     | π/2 BPSK | 1852.5          | 0.20            | 1 / 1          | 24.19                 | 24.39        | 0.275        | 33.01            | -8.62       |
|           |          | 1880.0          | 0.20            | 1 / 12         | 24.30                 | 24.50        | 0.282        | 33.01            | -8.51       |
|           |          | 1907.5          | 0.20            | 1 / 1          | 24.43                 | 24.63        | 0.290        | 33.01            | -8.38       |
|           | QPSK     | 1852.5          | 0.20            | 1 / 1          | 24.24                 | 24.44        | 0.278        | 33.01            | -8.57       |
|           |          | 1880.0          | 0.20            | 1 / 12         | 24.37                 | 24.57        | 0.287        | 33.01            | -8.44       |
|           |          | 1907.5          | 0.20            | 1 / 1          | 24.46                 | <b>24.66</b> | 0.293        | 33.01            | -8.35       |
|           | 16-QAM   | 1880.0          | 0.20            | 1 / 12         | 23.44                 | 23.64        | 0.231        | 33.01            | -9.37       |
|           | 64-QAM   | 1852.5          | 0.20            | 1 / 23         | 22.11                 | 22.31        | 0.170        | 33.01            | -10.70      |
| 256-QAM   | 1907.5   | 0.20            | 1 / 1           | 19.97          | 20.17                 | 0.104        | 33.01        | -12.84           |             |
| 10 MHz    | π/2 BPSK | 1855.0          | 0.20            | 1 / 25         | 24.19                 | 24.39        | 0.275        | 33.01            | -8.62       |
|           |          | 1880.0          | 0.20            | 1 / 25         | 24.33                 | 24.53        | 0.284        | 33.01            | -8.48       |
|           |          | 1905.0          | 0.20            | 1 / 50         | 24.38                 | 24.58        | 0.287        | 33.01            | -8.43       |
|           | QPSK     | 1855.0          | 0.20            | 1 / 1          | 24.27                 | 24.47        | 0.280        | 33.01            | -8.54       |
|           |          | 1880.0          | 0.20            | 1 / 25         | 24.39                 | 24.59        | 0.288        | 33.01            | -8.42       |
|           |          | 1905.0          | 0.20            | 1 / 1          | 24.43                 | <b>24.63</b> | 0.290        | 33.01            | -8.38       |
|           | 16-QAM   | 1905.0          | 0.20            | 1 / 25         | 23.62                 | 23.82        | 0.241        | 33.01            | -9.19       |
|           | 64-QAM   | 1905.0          | 0.20            | 1 / 1          | 22.21                 | 22.41        | 0.174        | 33.01            | -10.60      |
| 256-QAM   | 1905.0   | 0.20            | 1 / 50          | 20.13          | 20.33                 | 0.108        | 33.01        | -12.68           |             |
| 15 MHz    | π/2 BPSK | 1857.5          | 0.20            | 1 / 1          | 24.32                 | 24.52        | 0.283        | 33.01            | -8.49       |
|           |          | 1880.0          | 0.20            | 1 / 77         | 24.55                 | 24.75        | 0.299        | 33.01            | -8.26       |
|           |          | 1902.5          | 0.20            | 1 / 36         | 24.55                 | 24.75        | 0.299        | 33.01            | -8.26       |
|           | QPSK     | 1857.5          | 0.20            | 1 / 77         | 24.31                 | 24.51        | 0.283        | 33.01            | -8.50       |
|           |          | 1880.0          | 0.20            | 1 / 36         | 24.58                 | <b>24.78</b> | 0.301        | 33.01            | -8.23       |
|           |          | 1902.5          | 0.20            | 1 / 1          | 24.54                 | 24.74        | 0.298        | 33.01            | -8.27       |
|           | 16-QAM   | 1902.5          | 0.20            | 1 / 1          | 23.83                 | 24.03        | 0.253        | 33.01            | -8.98       |
|           | 64-QAM   | 1902.5          | 0.20            | 1 / 1          | 22.24                 | 22.44        | 0.175        | 33.01            | -10.57      |
| 256-QAM   | 1880.0   | 0.20            | 1 / 77          | 20.29          | 20.49                 | 0.112        | 33.01        | -12.52           |             |
| 20 MHz    | π/2 BPSK | 1860.0          | 0.20            | 1 / 104        | 24.40                 | 24.60        | 0.289        | 33.01            | -8.41       |
|           |          | 1880.0          | 0.20            | 1 / 104        | 24.55                 | 24.75        | 0.299        | 33.01            | -8.26       |
|           |          | 1900.0          | 0.20            | 1 / 1          | 24.57                 | 24.77        | 0.300        | 33.01            | -8.24       |
|           | QPSK     | 1860.0          | 0.20            | 1 / 104        | 24.42                 | 24.62        | 0.290        | 33.01            | -8.39       |
|           |          | 1880.0          | 0.20            | 1 / 104        | 24.56                 | 24.76        | 0.299        | 33.01            | -8.25       |
|           |          | 1900.0          | 0.20            | 1 / 1          | 24.59                 | <b>24.79</b> | 0.301        | 33.01            | -8.22       |
|           | 16-QAM   | 1900.0          | 0.20            | 1 / 50         | 23.68                 | 23.88        | 0.244        | 33.01            | -9.13       |
|           | 64-QAM   | 1900.0          | 0.20            | 1 / 104        | 22.45                 | 22.65        | 0.184        | 33.01            | -10.37      |
| 256-QAM   | 1900.0   | 0.20            | 1 / 1           | 20.25          | 20.45                 | 0.111        | 33.01        | -12.56           |             |

Table 7-15. Antenna 3b EIRP Data (NR Band n2)


|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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WCDMA PCS

| Frequency [MHz] | Mode      | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-----------|-----------------------|-----------------|------------|--------------|------------------|-------------|
| 1852.40         | WCDMA1900 | 24.63                 | 0.20            | 24.83      | 0.304        | 33.01            | -8.18       |
| 1880.00         | WCDMA1900 | 24.60                 | 0.20            | 24.80      | 0.302        | 33.01            | -8.21       |
| 1907.60         | WCDMA1900 | 24.58                 | 0.20            | 24.78      | 0.301        | 33.01            | -8.23       |

Table 7-16. Antenna 3b EIRP Data (WCDMA PCS)


|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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### 7.6.4 Antenna 2 – EIRP

#### LTE Band 25

| Bandwidth | Mod.    | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|---------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 1.4 MHz   | QPSK    | 1850.7          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1882.5          | 2.30            | 1 / 0          | 23.61                 | 25.91        | 0.390        | 33.01            | -7.10       |
|           |         | 1914.3          | 2.30            | 1 / 0          | 23.48                 | 25.78        | 0.378        | 33.01            | -7.23       |
|           | 16-QAM  | 1882.5          | 2.30            | 1 / 3          | 22.90                 | 25.20        | 0.331        | 33.01            | -7.81       |
|           | 64-QAM  | 1850.7          | 2.30            | 1 / 0          | 21.91                 | 24.21        | 0.264        | 33.01            | -8.80       |
|           | 256-QAM | 1882.5          | 2.30            | 1 / 0          | 19.04                 | 21.34        | 0.136        | 33.01            | -11.67      |
| 3 MHz     | QPSK    | 1851.5          | 2.30            | 1 / 0          | 23.53                 | 25.83        | 0.383        | 33.01            | -7.18       |
|           |         | 1882.5          | 2.30            | 1 / 0          | 23.56                 | <b>25.86</b> | 0.385        | 33.01            | -7.15       |
|           |         | 1913.5          | 2.30            | 1 / 0          | 23.42                 | 25.72        | 0.373        | 33.01            | -7.29       |
|           | 16-QAM  | 1882.5          | 2.30            | 1 / 7          | 22.90                 | 25.20        | 0.331        | 33.01            | -7.81       |
|           | 64-QAM  | 1851.5          | 2.30            | 1 / 0          | 22.04                 | 24.34        | 0.272        | 33.01            | -8.67       |
|           | 256-QAM | 1851.5          | 2.30            | 1 / 0          | 19.06                 | 21.36        | 0.137        | 33.01            | -11.65      |
| 5 MHz     | QPSK    | 1852.5          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1882.5          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1912.5          | 2.30            | 1 / 0          | 23.41                 | 25.71        | 0.372        | 33.01            | -7.30       |
|           | 16-QAM  | 1882.5          | 2.30            | 1 / 0          | 23.10                 | 25.40        | 0.347        | 33.01            | -7.61       |
|           | 64-QAM  | 1852.5          | 2.30            | 1 / 0          | 21.98                 | 24.28        | 0.268        | 33.01            | -8.73       |
|           | 256-QAM | 1852.5          | 2.30            | 1 / 24         | 19.03                 | 21.33        | 0.136        | 33.01            | -11.68      |
| 10 MHz    | QPSK    | 1855.0          | 2.30            | 1 / 0          | 23.53                 | 25.83        | 0.383        | 33.01            | -7.18       |
|           |         | 1882.5          | 2.30            | 1 / 49         | 23.64                 | <b>25.94</b> | 0.393        | 33.01            | -7.07       |
|           |         | 1910.0          | 2.30            | 1 / 0          | 23.38                 | 25.68        | 0.370        | 33.01            | -7.33       |
|           | 16-QAM  | 1910.0          | 2.30            | 1 / 49         | 22.94                 | 25.24        | 0.334        | 33.01            | -7.77       |
|           | 64-QAM  | 1855.0          | 2.30            | 1 / 49         | 21.88                 | 24.18        | 0.262        | 33.01            | -8.83       |
|           | 256-QAM | 1882.5          | 2.30            | 1 / 0          | 19.08                 | 21.38        | 0.137        | 33.01            | -11.63      |
| 15 MHz    | QPSK    | 1857.5          | 2.30            | 1 / 0          | 23.46                 | 25.76        | 0.377        | 33.01            | -7.25       |
|           |         | 1882.5          | 2.30            | 1 / 74         | 23.47                 | <b>25.77</b> | 0.378        | 33.01            | -7.24       |
|           |         | 1907.5          | 2.30            | 1 / 0          | 23.32                 | 25.62        | 0.365        | 33.01            | -7.39       |
|           | 16-QAM  | 1882.5          | 2.30            | 1 / 0          | 22.83                 | 25.13        | 0.326        | 33.01            | -7.88       |
|           | 64-QAM  | 1857.5          | 2.30            | 1 / 0          | 21.81                 | 24.11        | 0.258        | 33.01            | -8.90       |
|           | 256-QAM | 1882.5          | 2.30            | 1 / 0          | 18.87                 | 21.17        | 0.131        | 33.01            | -11.84      |
| 20 MHz    | QPSK    | 1860.0          | 2.30            | 1 / 0          | 23.46                 | <b>25.76</b> | 0.377        | 33.01            | -7.25       |
|           |         | 1882.5          | 2.30            | 1 / 0          | 23.16                 | 25.46        | 0.352        | 33.01            | -7.55       |
|           |         | 1905.0          | 2.30            | 1 / 0          | 23.42                 | 25.72        | 0.373        | 33.01            | -7.29       |
|           | 16-QAM  | 1882.5          | 2.30            | 1 / 0          | 22.91                 | 25.21        | 0.332        | 33.01            | -7.80       |
|           | 64-QAM  | 1860.0          | 2.30            | 1 / 0          | 21.87                 | 24.17        | 0.261        | 33.01            | -8.84       |
|           | 256-QAM | 1860.0          | 2.30            | 1 / 99         | 18.84                 | 21.14        | 0.130        | 33.01            | -11.87      |


Table 7-17. Antenna 2 EIRP Data (LTE Band 25)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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LTE Band 2

| Bandwidth | Mod.    | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|---------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 1.4 MHz   | QPSK    | 1850.7          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1880.0          | 2.30            | 1 / 0          | 23.65                 | 25.95        | 0.394        | 33.01            | -7.06       |
|           |         | 1909.3          | 2.30            | 1 / 0          | 23.50                 | 25.80        | 0.380        | 33.01            | -7.21       |
|           | 16-QAM  | 1880.0          | 2.30            | 1 / 5          | 22.96                 | 25.26        | 0.336        | 33.01            | -7.75       |
|           | 64-QAM  | 1850.7          | 2.30            | 1 / 0          | 21.90                 | 24.20        | 0.263        | 33.01            | -8.81       |
|           | 256-QAM | 1880.0          | 2.30            | 1 / 0          | 18.82                 | 21.12        | 0.129        | 33.01            | -11.89      |
| 3 MHz     | QPSK    | 1851.5          | 2.30            | 1 / 0          | 23.61                 | <b>25.91</b> | 0.390        | 33.01            | -7.10       |
|           |         | 1880.0          | 2.30            | 1 / 0          | 23.52                 | 25.82        | 0.382        | 33.01            | -7.19       |
|           |         | 1908.5          | 2.30            | 1 / 0          | 23.46                 | 25.76        | 0.377        | 33.01            | -7.25       |
|           | 16-QAM  | 1880.0          | 2.30            | 1 / 14         | 23.02                 | 25.32        | 0.340        | 33.01            | -7.69       |
|           | 64-QAM  | 1851.5          | 2.30            | 1 / 14         | 21.90                 | 24.20        | 0.263        | 33.01            | -8.81       |
|           | 256-QAM | 1880.0          | 2.30            | 1 / 0          | 19.03                 | 21.33        | 0.136        | 33.01            | -11.68      |
| 5 MHz     | QPSK    | 1852.5          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1880.0          | 2.30            | 1 / 0          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |         | 1907.5          | 2.30            | 1 / 0          | 23.43                 | 25.73        | 0.374        | 33.01            | -7.28       |
|           | 16-QAM  | 1880.0          | 2.30            | 1 / 0          | 23.06                 | 25.36        | 0.344        | 33.01            | -7.65       |
|           | 64-QAM  | 1852.5          | 2.30            | 1 / 0          | 22.00                 | 24.30        | 0.269        | 33.01            | -8.71       |
|           | 256-QAM | 1852.5          | 2.30            | 1 / 24         | 19.02                 | 21.32        | 0.136        | 33.01            | -11.69      |
| 10 MHz    | QPSK    | 1855.0          | 2.30            | 1 / 0          | 23.51                 | 25.81        | 0.381        | 33.01            | -7.20       |
|           |         | 1880.0          | 2.30            | 1 / 49         | 23.65                 | <b>25.95</b> | 0.394        | 33.01            | -7.06       |
|           |         | 1905.0          | 2.30            | 1 / 25         | 23.46                 | 25.76        | 0.377        | 33.01            | -7.25       |
|           | 16-QAM  | 1905.0          | 2.30            | 1 / 0          | 23.01                 | 25.31        | 0.340        | 33.01            | -7.70       |
|           | 64-QAM  | 1855.0          | 2.30            | 1 / 49         | 21.97                 | 24.27        | 0.267        | 33.01            | -8.74       |
|           | 256-QAM | 1880.0          | 2.30            | 1 / 0          | 19.08                 | 21.38        | 0.137        | 33.01            | -11.63      |
| 15 MHz    | QPSK    | 1857.5          | 2.30            | 1 / 74         | 23.51                 | <b>25.81</b> | 0.381        | 33.01            | -7.20       |
|           |         | 1880.0          | 2.30            | 1 / 74         | 23.50                 | 25.80        | 0.380        | 33.01            | -7.21       |
|           |         | 1902.5          | 2.30            | 1 / 0          | 23.36                 | 25.66        | 0.368        | 33.01            | -7.35       |
|           | 16-QAM  | 1902.5          | 2.30            | 1 / 0          | 22.87                 | 25.17        | 0.329        | 33.01            | -7.84       |
|           | 64-QAM  | 1857.5          | 2.30            | 1 / 0          | 21.79                 | 24.09        | 0.256        | 33.01            | -8.92       |
|           | 256-QAM | 1857.5          | 2.30            | 1 / 0          | 18.89                 | 21.19        | 0.132        | 33.01            | -11.82      |
| 20 MHz    | QPSK    | 1860.0          | 2.30            | 1 / 0          | 23.51                 | <b>25.81</b> | 0.381        | 33.01            | -7.20       |
|           |         | 1880.0          | 2.30            | 1 / 0          | 23.25                 | 25.55        | 0.359        | 33.01            | -7.46       |
|           |         | 1900.0          | 2.30            | 1 / 0          | 23.47                 | 25.77        | 0.378        | 33.01            | -7.24       |
|           | 16-QAM  | 1880.0          | 2.30            | 1 / 0          | 23.35                 | 25.65        | 0.367        | 33.01            | -7.36       |
|           | 64-QAM  | 1880.0          | 2.30            | 1 / 0          | 22.03                 | 24.33        | 0.271        | 33.01            | -8.68       |
|           | 256-QAM | 1860.0          | 2.30            | 1 / 99         | 18.97                 | 21.27        | 0.134        | 33.01            | -11.74      |


Table 7-18. Antenna 2 EIRP Data (LTE Band 2)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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NR Band n25

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm] | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |        |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|------------|--------------|------------------|-------------|--------|
| 5 MHz     | π/2 BPSK | 1852.5          | 2.30            | 1 / 23         | 23.63                 | 25.93      | 0.392        | 33.01            | -7.08       |        |
|           |          | 1882.5          | 2.30            | 1 / 1          | 23.60                 | 25.90      | 0.389        | 33.01            | -7.11       |        |
|           |          | 1912.5          | 2.30            | 1 / 12         | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           | QPSK     | 1852.5          | 2.30            | 1 / 1          | 23.62                 | 25.92      | 0.391        | 33.01            | -7.09       |        |
|           |          | 1882.5          | 2.30            | 1 / 23         | 23.60                 | 25.90      | 0.389        | 33.01            | -7.11       |        |
|           |          | 1912.5          | 2.30            | 1 / 1          | 23.64                 | 25.94      | 0.393        | 33.01            | -7.07       |        |
|           |          | 16-QAM          | 1912.5          | 2.30           | 1 / 12                | 23.03      | 25.33        | 0.341            | 33.01       | -7.68  |
|           |          | 64-QAM          | 1852.5          | 2.30           | 1 / 23                | 21.13      | 23.43        | 0.220            | 33.01       | -9.58  |
|           |          | 256-QAM         | 1912.5          | 2.30           | 1 / 1                 | 19.02      | 21.32        | 0.136            | 33.01       | -11.69 |
| 10 MHz    | π/2 BPSK | 1855.0          | 2.30            | 1 / 1          | 23.58                 | 25.88      | 0.387        | 33.01            | -7.13       |        |
|           |          | 1882.5          | 2.30            | 1 / 25         | 23.57                 | 25.87      | 0.386        | 33.01            | -7.15       |        |
|           |          | 1910.0          | 2.30            | 1 / 25         | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           | QPSK     | 1855.0          | 2.30            | 1 / 25         | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 1882.5          | 2.30            | 1 / 50         | 23.61                 | 25.91      | 0.390        | 33.01            | -7.10       |        |
|           |          | 1910.0          | 2.30            | 1 / 50         | 23.62                 | 25.92      | 0.391        | 33.01            | -7.09       |        |
|           |          | 16-QAM          | 1910.0          | 2.30           | 1 / 1                 | 22.95      | 25.25        | 0.335            | 33.01       | -7.76  |
|           |          | 64-QAM          | 1855.0          | 2.30           | 1 / 50                | 21.11      | 23.41        | 0.219            | 33.01       | -9.60  |
|           |          | 256-QAM         | 1910.0          | 2.30           | 1 / 25                | 19.09      | 21.39        | 0.138            | 33.01       | -11.62 |
| 15 MHz    | π/2 BPSK | 1857.5          | 2.30            | 1 / 1          | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 1882.5          | 2.30            | 1 / 77         | 23.66                 | 25.96      | 0.395        | 33.01            | -7.05       |        |
|           |          | 1907.5          | 2.30            | 1 / 1          | 23.63                 | 25.93      | 0.392        | 33.01            | -7.08       |        |
|           | QPSK     | 1857.5          | 2.30            | 1 / 1          | 23.60                 | 25.90      | 0.389        | 33.01            | -7.11       |        |
|           |          | 1882.5          | 2.30            | 1 / 77         | 23.66                 | 25.96      | 0.394        | 33.01            | -7.05       |        |
|           |          | 1907.5          | 2.30            | 1 / 1          | 23.64                 | 25.94      | 0.392        | 33.01            | -7.07       |        |
|           |          | 16-QAM          | 1882.5          | 2.30           | 1 / 36                | 22.76      | 25.06        | 0.321            | 33.01       | -7.95  |
|           |          | 64-QAM          | 1857.5          | 2.30           | 1 / 1                 | 21.14      | 23.44        | 0.221            | 33.01       | -9.57  |
|           |          | 256-QAM         | 1857.5          | 2.30           | 1 / 1                 | 19.18      | 21.48        | 0.141            | 33.01       | -11.53 |
| 20 MHz    | π/2 BPSK | 1860.0          | 2.30            | 1 / 1          | 23.67                 | 25.97      | 0.396        | 33.01            | -7.04       |        |
|           |          | 1882.5          | 2.30            | 1 / 104        | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 1905.0          | 2.30            | 1 / 1          | 23.61                 | 25.91      | 0.390        | 33.01            | -7.10       |        |
|           | QPSK     | 1860.0          | 2.30            | 1 / 1          | 23.67                 | 25.97      | 0.395        | 33.01            | -7.04       |        |
|           |          | 1882.5          | 2.30            | 1 / 1          | 23.64                 | 25.94      | 0.392        | 33.01            | -7.07       |        |
|           |          | 1905.0          | 2.30            | 1 / 1          | 23.64                 | 25.94      | 0.393        | 33.01            | -7.07       |        |
|           |          | 16-QAM          | 1882.5          | 2.30           | 1 / 1                 | 22.94      | 25.24        | 0.334            | 33.01       | -7.77  |
|           |          | 64-QAM          | 1860.0          | 2.30           | 1 / 1                 | 21.33      | 23.63        | 0.231            | 33.01       | -9.38  |
|           |          | 256-QAM         | 1882.5          | 2.30           | 1 / 50                | 19.19      | 21.49        | 0.141            | 33.01       | -11.52 |
| 25 MHz    | π/2 BPSK | 1862.5          | 2.30            | 1 / 1          | 23.55                 | 25.85      | 0.384        | 33.01            | -7.16       |        |
|           |          | 1882.5          | 2.30            | 1 / 131        | 23.68                 | 25.98      | 0.396        | 33.01            | -7.03       |        |
|           |          | 1902.5          | 2.30            | 1 / 131        | 23.61                 | 25.91      | 0.390        | 33.01            | -7.10       |        |
|           | QPSK     | 1862.5          | 2.30            | 1 / 1          | 23.55                 | 25.85      | 0.385        | 33.01            | -7.16       |        |
|           |          | 1882.5          | 2.30            | 1 / 131        | 23.59                 | 25.89      | 0.388        | 33.01            | -7.12       |        |
|           |          | 1902.5          | 2.30            | 1 / 131        | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 16-QAM          | 1862.5          | 2.30           | 1 / 131               | 23.02      | 25.32        | 0.340            | 33.01       | -7.69  |
|           |          | 64-QAM          | 1902.5          | 2.30           | 1 / 131               | 21.16      | 23.46        | 0.222            | 33.01       | -9.55  |
|           |          | 256-QAM         | 1882.5          | 2.30           | 1 / 1                 | 19.11      | 21.41        | 0.138            | 33.01       | -11.60 |
| 30 MHz    | π/2 BPSK | 1865.0          | 2.30            | 1 / 158        | 23.60                 | 25.90      | 0.389        | 33.01            | -7.11       |        |
|           |          | 1882.5          | 2.30            | 1 / 158        | 23.67                 | 25.97      | 0.395        | 33.01            | -7.04       |        |
|           |          | 1900.0          | 2.30            | 1 / 158        | 23.66                 | 25.96      | 0.395        | 33.01            | -7.05       |        |
|           | QPSK     | 1865.0          | 2.30            | 1 / 158        | 23.58                 | 25.88      | 0.388        | 33.01            | -7.13       |        |
|           |          | 1882.5          | 2.30            | 1 / 158        | 23.69                 | 25.99      | 0.397        | 33.01            | -7.02       |        |
|           |          | 1900.0          | 2.30            | 1 / 158        | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 16-QAM          | 1882.5          | 2.30           | 1 / 158               | 23.06      | 25.36        | 0.344            | 33.01       | -7.65  |
|           |          | 64-QAM          | 1865.0          | 2.30           | 1 / 1                 | 21.22      | 23.52        | 0.225            | 33.01       | -9.49  |
|           |          | 256-QAM         | 1900.0          | 2.30           | 1 / 80                | 19.12      | 21.42        | 0.139            | 33.01       | -11.59 |
| 35 MHz    | π/2 BPSK | 1867.5          | 2.30            | 1 / 1          | 23.58                 | 25.88      | 0.387        | 33.01            | -7.13       |        |
|           |          | 1882.5          | 2.30            | 1 / 90         | 23.52                 | 25.82      | 0.382        | 33.01            | -7.19       |        |
|           |          | 1897.5          | 2.30            | 1 / 1          | 23.52                 | 25.82      | 0.382        | 33.01            | -7.19       |        |
|           | QPSK     | 1867.5          | 2.30            | 1 / 1          | 23.57                 | 25.87      | 0.387        | 33.01            | -7.14       |        |
|           |          | 1882.5          | 2.30            | 1 / 1          | 23.54                 | 25.84      | 0.383        | 33.01            | -7.17       |        |
|           |          | 1897.5          | 2.30            | 1 / 1          | 23.59                 | 25.89      | 0.388        | 33.01            | -7.12       |        |
|           |          | 16-QAM          | 1897.5          | 2.30           | 1 / 1                 | 22.64      | 24.94        | 0.312            | 33.01       | -8.08  |
|           |          | 64-QAM          | 1867.5          | 2.30           | 1 / 90                | 21.87      | 24.17        | 0.261            | 33.01       | -8.84  |
|           |          | 256-QAM         | 1882.5          | 2.30           | 1 / 186               | 19.84      | 22.14        | 0.164            | 33.01       | -10.87 |
| 40 MHz    | π/2 BPSK | 1870.0          | 2.30            | 1 / 1          | 23.57                 | 25.87      | 0.387        | 33.01            | -7.14       |        |
|           |          | 1882.5          | 2.30            | 1 / 108        | 23.50                 | 25.80      | 0.380        | 33.01            | -7.21       |        |
|           |          | 1895.0          | 2.30            | 1 / 108        | 23.61                 | 25.91      | 0.390        | 33.01            | -7.10       |        |
|           | QPSK     | 1870.0          | 2.30            | 1 / 1          | 23.54                 | 25.84      | 0.384        | 33.01            | -7.17       |        |
|           |          | 1882.5          | 2.30            | 1 / 214        | 23.55                 | 25.85      | 0.385        | 33.01            | -7.16       |        |
|           |          | 1895.0          | 2.30            | 1 / 1          | 23.70                 | 26.00      | 0.398        | 33.01            | -7.01       |        |
|           |          | 16-QAM          | 1895.0          | 2.30           | 1 / 1                 | 22.82      | 25.12        | 0.325            | 33.01       | -7.89  |
|           |          | 64-QAM          | 1870.0          | 2.30           | 1 / 214               | 21.85      | 24.15        | 0.260            | 33.01       | -8.86  |
|           |          | 256-QAM         | 1882.5          | 2.30           | 1 / 108               | 19.71      | 22.01        | 0.159            | 33.01       | -11.00 |


Table 7-19. Antenna 2 EIRP Data (NR Band n25)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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NR Band n2

| Bandwidth | Mod.     | Frequency [MHz] | Ant. Gain [dBi] | RB Size/Offset | Conducted Power [dBm] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------|----------|-----------------|-----------------|----------------|-----------------------|--------------|--------------|------------------|-------------|
| 5 MHz     | π/2 BPSK | 1852.5          | 2.30            | 1 / 1          | 23.69                 | 25.99        | 0.398        | 33.01            | -7.02       |
|           |          | 1880.0          | 2.30            | 1 / 1          | 23.67                 | 25.97        | 0.395        | 33.01            | -7.04       |
|           |          | 1907.5          | 2.30            | 1 / 12         | 23.67                 | 25.97        | 0.395        | 33.01            | -7.04       |
|           | QPSK     | 1852.5          | 2.30            | 1 / 1          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |          | 1880.0          | 2.30            | 1 / 1          | 23.55                 | 25.85        | 0.385        | 33.01            | -7.16       |
|           |          | 1907.5          | 2.30            | 1 / 1          | 23.69                 | 25.99        | 0.397        | 33.01            | -7.02       |
|           | 16-QAM   | 1852.5          | 2.30            | 1 / 12         | 22.88                 | 25.18        | 0.330        | 33.01            | -7.83       |
|           | 64-QAM   | 1880.0          | 2.30            | 1 / 1          | 21.71                 | 24.01        | 0.252        | 33.01            | -9.00       |
| 256-QAM   | 1852.5   | 2.30            | 1 / 1           | 19.69          | 21.99                 | 0.158        | 33.01        | -11.02           |             |
| 10 MHz    | π/2 BPSK | 1855.0          | 2.30            | 1 / 1          | 23.64                 | 25.94        | 0.392        | 33.01            | -7.07       |
|           |          | 1880.0          | 2.30            | 1 / 1          | 23.55                 | 25.85        | 0.384        | 33.01            | -7.16       |
|           |          | 1905.0          | 2.30            | 1 / 25         | 23.68                 | 25.98        | 0.396        | 33.01            | -7.03       |
|           | QPSK     | 1855.0          | 2.30            | 1 / 1          | 23.59                 | 25.89        | 0.388        | 33.01            | -7.12       |
|           |          | 1880.0          | 2.30            | 1 / 25         | 23.56                 | 25.86        | 0.385        | 33.01            | -7.15       |
|           |          | 1905.0          | 2.30            | 1 / 1          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           | 16-QAM   | 1905.0          | 2.30            | 1 / 1          | 22.95                 | 25.25        | 0.335        | 33.01            | -7.76       |
|           | 64-QAM   | 1905.0          | 2.30            | 1 / 25         | 21.80                 | 24.10        | 0.257        | 33.01            | -8.91       |
| 256-QAM   | 1855.0   | 2.30            | 1 / 25          | 19.70          | 22.00                 | 0.158        | 33.01        | -11.01           |             |
| 15 MHz    | π/2 BPSK | 1857.5          | 2.30            | 1 / 1          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |          | 1880.0          | 2.30            | 1 / 1          | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           |          | 1902.5          | 2.30            | 1 / 1          | 23.60                 | 25.90        | 0.389        | 33.01            | -7.11       |
|           | QPSK     | 1857.5          | 2.30            | 1 / 1          | 23.52                 | 25.82        | 0.382        | 33.01            | -7.19       |
|           |          | 1880.0          | 2.30            | 1 / 77         | 23.55                 | 25.85        | 0.384        | 33.01            | -7.16       |
|           |          | 1902.5          | 2.30            | 1 / 77         | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           | 16-QAM   | 1857.5          | 2.30            | 1 / 36         | 23.01                 | 25.31        | 0.340        | 33.01            | -7.70       |
|           | 64-QAM   | 1857.5          | 2.30            | 1 / 1          | 21.87                 | 24.17        | 0.262        | 33.01            | -8.84       |
| 256-QAM   | 1902.5   | 2.30            | 1 / 1           | 19.98          | 22.28                 | 0.169        | 33.01        | -10.73           |             |
| 20 MHz    | π/2 BPSK | 1860.0          | 2.30            | 1 / 1          | 23.59                 | 25.89        | 0.388        | 33.01            | -7.12       |
|           |          | 1880.0          | 2.30            | 1 / 104        | 23.53                 | 25.83        | 0.383        | 33.01            | -7.18       |
|           |          | 1900.0          | 2.30            | 1 / 50         | 23.70                 | <b>26.00</b> | 0.398        | 33.01            | -7.01       |
|           | QPSK     | 1860.0          | 2.30            | 1 / 1          | 23.59                 | 25.89        | 0.388        | 33.01            | -7.12       |
|           |          | 1880.0          | 2.30            | 1 / 50         | 23.62                 | 25.92        | 0.391        | 33.01            | -7.09       |
|           |          | 1900.0          | 2.30            | 1 / 50         | 23.69                 | 25.99        | 0.397        | 33.01            | -7.02       |
|           | 16-QAM   | 1900.0          | 2.30            | 1 / 1          | 22.71                 | 25.01        | 0.317        | 33.01            | -8.00       |
|           | 64-QAM   | 1880.0          | 2.30            | 1 / 50         | 22.09                 | 24.39        | 0.275        | 33.01            | -8.62       |
| 256-QAM   | 1900.0   | 2.30            | 1 / 50          | 19.52          | 21.82                 | 0.152        | 33.01        | -11.19           |             |


Table 7-20. Antenna 2 EIRP Data (NR Band n2)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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WCDMA PCS

| Frequency [MHz] | Mode      | Conducted Power [dBm] | Ant. Gain [dBi] | EIRP [dBm]   | EIRP [Watts] | EIRP Limit [dBm] | Margin [dB] |
|-----------------|-----------|-----------------------|-----------------|--------------|--------------|------------------|-------------|
| 1852.40         | WCDMA1900 | 23.57                 | 2.30            | 25.87        | 0.386        | 33.01            | -7.14       |
| 1880.00         | WCDMA1900 | 23.59                 | 2.30            | 25.89        | 0.388        | 33.01            | -7.12       |
| 1907.60         | WCDMA1900 | 23.62                 | 2.30            | <b>25.92</b> | <b>0.391</b> | 33.01            | -7.09       |

Table 7-21. Antenna 2 EIRP Data (WCDMA PCS)

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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## 7.7 Radiated Spurious Emissions

§2.1053, 24.238(a)

### Test Overview


Radiated spurious emissions measurements are performed using the field strength conversion method described in KDB 971168 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

### Test Settings

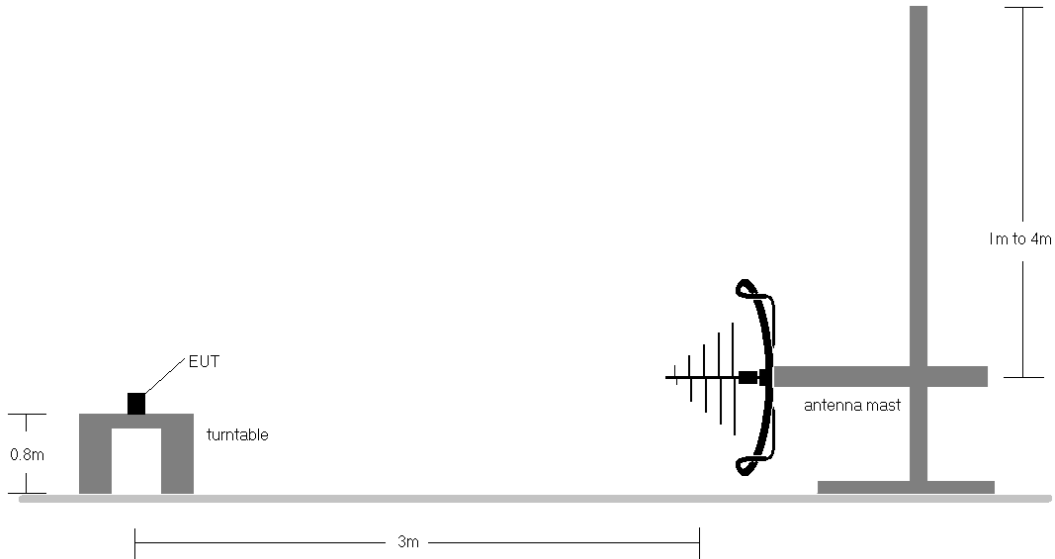
1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW  $\geq 3 \times$  RBW
3. Span = 1.5 times the OBW
4. No. of sweep points  $\geq 2 \times$  span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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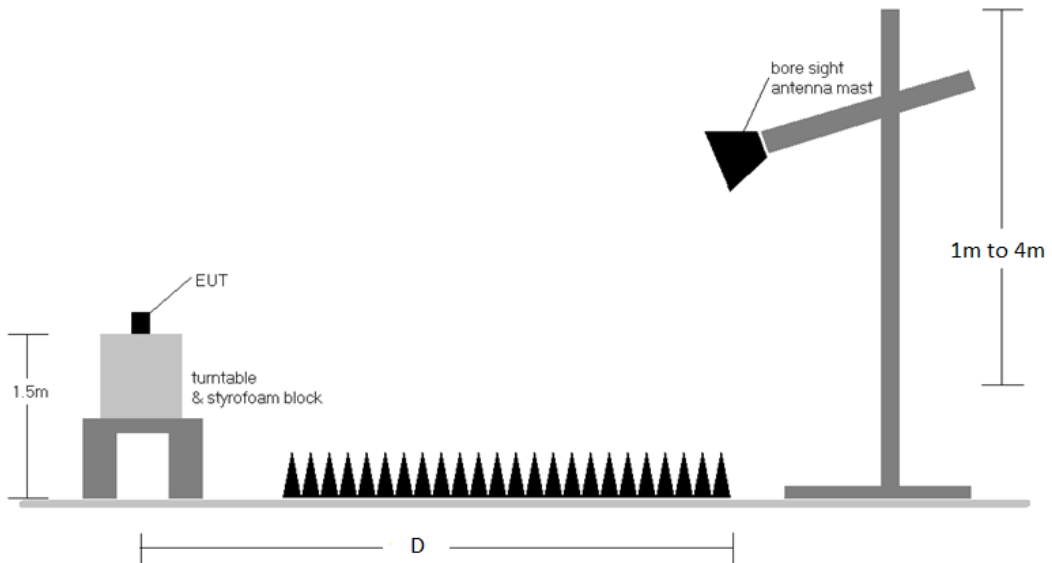
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**Test Setup**


The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-6. Test Instrument & Measurement Setup < 1GHz**



**Figure 7-7. Test Instrument & Measurement Setup >1 GHz**


|  |   |                                   |  |
|--|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device | Page 196 of 217                          |

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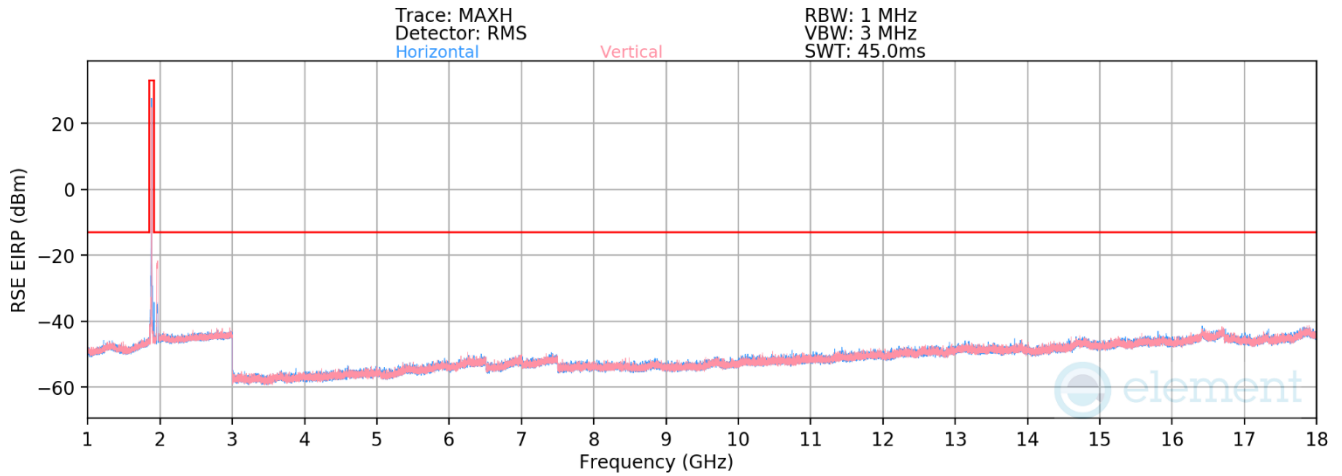
**Test Notes**

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
  - a.  $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
  - b.  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$ ; where D is the measurement distance in meters.
2. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. No significant emissions were found for below 1GHz and Above 18GHz measurement.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
10. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
11. NR band n25 overlaps the entire frequency range of NR band 2. Therefore, the radiated emissions data of NR band n25 provided in this report covers NR band n2.


|  |   |                                   |  |
|--|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device | Page 197 of 217                          |

## 7.7.1 Antenna 4 – Radiated Spurious Emission Measurement

### LTE Band 25/2



**Plot 7-302. Radiated Spurious Plot (LTE Band 25/2)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1860.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3720.0          | H               | -                   | -                          | -77.69               | 2.78        | 32.09                   | -63.17                             | -13.00      | -50.17      |
| 5580.0          | H               | -                   | -                          | -78.30               | 5.43        | 34.13                   | -61.13                             | -13.00      | -48.13      |
| 7440.0          | H               | -                   | -                          | -78.83               | 8.83        | 37.00                   | -58.26                             | -13.00      | -45.26      |

**Table 7-22. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – Low Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1882.5 |
| <b>RB / Offset:</b>     | 1 / 50 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.20               | 2.18        | 31.98                   | -63.28                             | -13.00      | -50.28      |
| 5647.5          | H               | -                   | -                          | -78.76               | 5.47        | 33.71                   | -61.55                             | -13.00      | -48.55      |
| 7530.0          | H               | -                   | -                          | -78.86               | 8.55        | 36.69                   | -58.57                             | -13.00      | -45.57      |

**Table 7-23. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)**

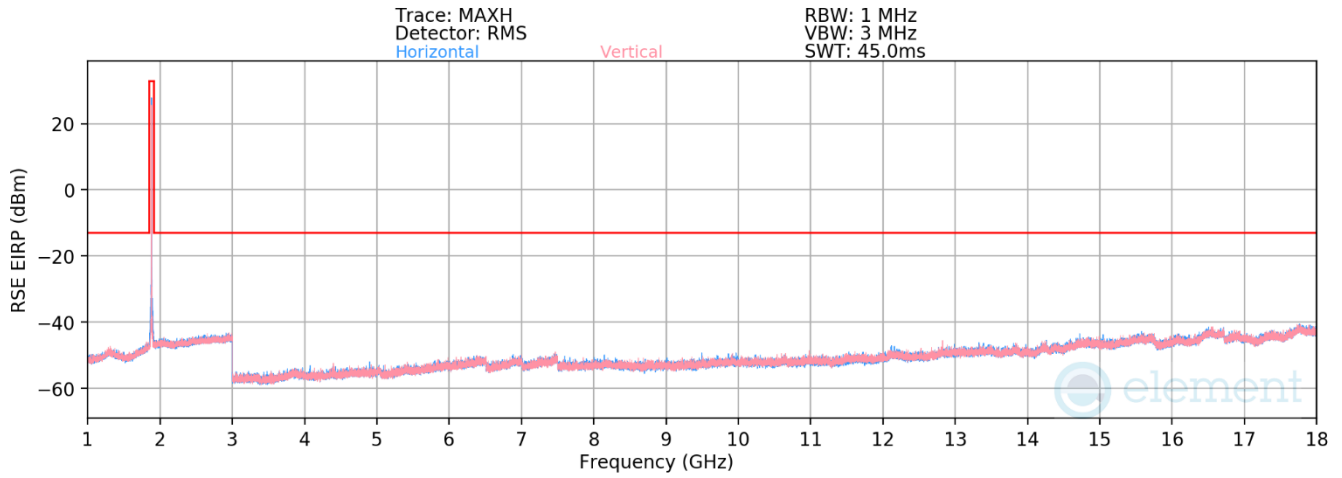
|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1905.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3810.00         | H               | -                   | -                          | -77.15               | 2.04        | 31.89                   | -63.37                             | -13.00      | -50.37      |
| 5715.00         | H               | -                   | -                          | -79.06               | 6.10        | 34.04                   | -61.22                             | -13.00      | -48.22      |
| 7620.00         | H               | -                   | -                          | -80.64               | 8.96        | 35.32                   | -59.94                             | -13.00      | -46.94      |


**Table 7-24. Antenna 4 Radiated Spurious Data (LTE Band 25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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### NR Band n25/2



**Plot 7-303. Radiated Spurious Plot (NR Band n25/2)**

|  |   |                                   |  |
|--|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device | Page 200 of 217                          |

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|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1870.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3740.0          | H               | -                   | -                          | -76.98               | 2.96        | 32.98                         | -62.28                             | -13.00      | -49.28      |
| 5610.0          | H               | -                   | -                          | -78.46               | 5.73        | 34.27                         | -60.99                             | -13.00      | -47.99      |
| 7480.0          | H               | -                   | -                          | -78.47               | 8.92        | 37.45                         | -57.81                             | -13.00      | -44.81      |

**Table 7-25. Antenna 4 Radiated Spurious Data (NR Band n25/2 – Low Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1882.5  |
| <b>RB / Offset:</b>     | 1 / 108 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -76.97               | 3.00        | 33.03                         | -62.23                             | -13.00      | -49.23      |
| 5647.5          | H               | -                   | -                          | -78.18               | 5.71        | 34.53                         | -60.73                             | -13.00      | -47.73      |
| 7530.0          | H               | -                   | -                          | -78.79               | 8.94        | 37.15                         | -58.11                             | -13.00      | -45.11      |

**Table 7-26. Antenna 4 Radiated Spurious Data (NR Band n25/2 – Mid Channel)**

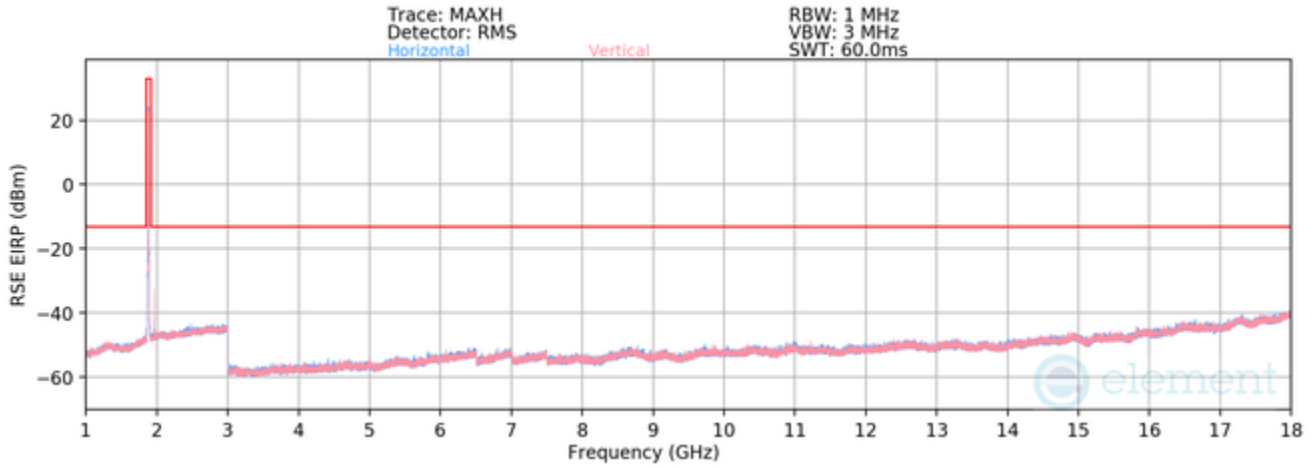
|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1895.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3790.0          | H               | -                   | -                          | -76.64               | 3.26        | 33.62                         | -61.64                             | -13.00      | -48.64      |
| 5685.0          | H               | -                   | -                          | -77.89               | 5.95        | 35.06                         | -60.20                             | -13.00      | -47.20      |
| 7580.0          | H               | -                   | -                          | -80.31               | 9.46        | 36.15                         | -59.11                             | -13.00      | -46.11      |


**Table 7-27. Antenna 4 Radiated Spurious Data (NR Band n25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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**WCDMA PCS**



**Plot 7-304. Radiated Spurious Plot (WCDMA PCS)**

|  |   |                                   |  |
|--|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device | Page 202 of 217                          |

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9262      |
| Frequency (MHz): | 1852.4    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3704.8          | H               | -                   | -                          | -78.49               | 3.59        | 32.10                         | -63.16                             | -13.00      | -50.16      |
| 5557.2          | H               | -                   | -                          | -79.16               | 6.00        | 33.84                         | -61.42                             | -13.00      | -48.42      |
| 7409.6          | H               | -                   | -                          | -79.34               | 8.55        | 36.21                         | -59.05                             | -13.00      | -46.05      |

**Table 7-28. Antenna 4 Radiated Spurious Data (WCDMA PCS – Low Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9400      |
| Frequency (MHz): | 1880      |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3760.0          | H               | -                   | -                          | -78.53               | 3.44        | 31.91                         | -63.35                             | -13.00      | -50.35      |
| 5640.0          | H               | -                   | -                          | -79.36               | 6.07        | 33.71                         | -61.55                             | -13.00      | -48.55      |
| 7520.0          | H               | -                   | -                          | -80.41               | 8.58        | 35.18                         | -60.08                             | -13.00      | -47.08      |

**Table 7-29. Antenna 4 Radiated Spurious Data (WCDMA PCS – Mid Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9538      |
| Frequency (MHz): | 1907.6    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3815.2          | H               | -                   | -                          | -78.06               | 3.19        | 32.13                         | -63.13                             | -13.00      | -50.13      |
| 5722.8          | H               | -                   | -                          | -79.20               | 6.50        | 34.31                         | -60.95                             | -13.00      | -47.95      |
| 7630.4          | H               | -                   | -                          | -80.84               | 8.72        | 34.88                         | -60.38                             | -13.00      | -47.38      |

**Table 7-30. Antenna 4 Radiated Spurious Data (WCDMA PCS – High Channel)**

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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## 7.7.2 Antenna 1b – Radiated Spurious Emission Measurement

### LTE Band 25/2

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1860.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3720.0          | H               | -                   | -                          | -77.37               | 2.77        | 32.40                   | -62.86                             | -13.00      | -49.86      |
| 5580.0          | H               | -                   | -                          | -78.34               | 5.36        | 34.02                   | -61.24                             | -13.00      | -48.24      |
| 7440.0          | H               | -                   | -                          | -78.65               | 8.74        | 37.09                   | -58.17                             | -13.00      | -45.17      |

**Table 7-31. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – Low Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1882.5 |
| <b>RB / Offset:</b>     | 1 / 50 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.46               | 2.23        | 31.77                   | -63.49                             | -13.00      | -50.49      |
| 5647.5          | H               | -                   | -                          | -78.69               | 5.37        | 33.68                   | -61.58                             | -13.00      | -48.58      |
| 7530.0          | H               | -                   | -                          | -79.07               | 8.47        | 36.40                   | -58.86                             | -13.00      | -45.86      |

**Table 7-32. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1905.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3810.00         | H               | -                   | -                          | -77.17               | 2.02        | 31.85                   | -63.41                             | -13.00      | -50.41      |
| 5715.00         | H               | -                   | -                          | -79.25               | 6.09        | 33.84                   | -61.42                             | -13.00      | -48.42      |
| 7620.00         | H               | -                   | -                          | -80.77               | 8.93        | 35.16                   | -60.10                             | -13.00      | -47.10      |

**Table 7-33. Antenna 1b Radiated Spurious Data (LTE Band 25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## NR Band n25/2

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1870.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3740.0          | H               | -                   | -                          | -77.15               | 2.96        | 32.81                         | -62.45                             | -13.00      | -49.45      |
| 5610.0          | H               | -                   | -                          | -78.21               | 5.73        | 34.52                         | -60.74                             | -13.00      | -47.74      |
| 7480.0          | H               | -                   | -                          | -78.28               | 8.92        | 37.64                         | -57.62                             | -13.00      | -44.62      |

**Table 7-34. Antenna 1b Radiated Spurious Data (NR Band n25/2 – Low Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1882.5  |
| <b>RB / Offset:</b>     | 1 / 108 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -76.86               | 3.00        | 33.14                         | -62.12                             | -13.00      | -49.12      |
| 5647.5          | H               | -                   | -                          | -78.33               | 5.71        | 34.38                         | -60.88                             | -13.00      | -47.88      |
| 7530.0          | H               | -                   | -                          | -78.67               | 8.94        | 37.27                         | -57.99                             | -13.00      | -44.99      |

**Table 7-35. Antenna 1b Radiated Spurious Data (NR Band n25/2 – Mid Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1895.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3790.0          | H               | -                   | -                          | -76.70               | 3.26        | 33.56                         | -61.70                             | -13.00      | -48.70      |
| 5685.0          | H               | -                   | -                          | -78.38               | 5.95        | 34.57                         | -60.69                             | -13.00      | -47.69      |
| 7580.0          | H               | -                   | -                          | -80.52               | 9.46        | 35.94                         | -59.32                             | -13.00      | -46.32      |

**Table 7-36. Antenna 1b Radiated Spurious Data (NR Band n25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## WCDMA PCS

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9262      |
| Frequency (MHz): | 1852.4    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3704.8          | H               | -                   | -                          | -78.44               | 3.81        | 32.37                   | -62.88                             | -13.00      | -49.88      |
| 5557.2          | H               | -                   | -                          | -79.11               | 5.91        | 33.81                   | -61.45                             | -13.00      | -48.45      |
| 7409.6          | H               | -                   | -                          | -79.42               | 8.24        | 35.82                   | -59.44                             | -13.00      | -46.44      |

**Table 7-37. Antenna 1b Radiated Spurious Data (WCDMA PCS – Low Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9400      |
| Frequency (MHz): | 1880      |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3760.0          | H               | -                   | -                          | -78.69               | 3.65        | 31.97                   | -63.29                             | -13.00      | -50.29      |
| 5640.0          | H               | -                   | -                          | -79.13               | 5.90        | 33.78                   | -61.48                             | -13.00      | -48.48      |
| 7520.0          | H               | -                   | -                          | -79.96               | 8.29        | 35.33                   | -59.93                             | -13.00      | -46.93      |

**Table 7-38. Antenna 1b Radiated Spurious Data (WCDMA PCS – Mid Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9538      |
| Frequency (MHz): | 1907.6    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3815.2          | H               | -                   | -                          | -78.13               | 3.30        | 32.17                   | -63.09                             | -13.00      | -50.09      |
| 5722.8          | H               | -                   | -                          | -79.58               | 6.46        | 33.88                   | -61.38                             | -13.00      | -48.38      |
| 7630.4          | H               | -                   | -                          | -80.69               | 8.51        | 34.82                   | -60.44                             | -13.00      | -47.44      |

**Table 7-39. Antenna 1b Radiated Spurious Data (WCDMA PCS – High Channel)**

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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### 7.7.3 Antenna 3b – Radiated Spurious Emission Measurement

#### LTE Band 25/2

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1860.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3720.0          | H               | -                   | -                          | -77.42               | 2.77        | 32.35                   | -62.91                             | -13.00      | -49.91      |
| 5580.0          | H               | -                   | -                          | -78.50               | 5.36        | 33.86                   | -61.40                             | -13.00      | -48.40      |
| 7440.0          | H               | -                   | -                          | -78.77               | 8.74        | 36.97                   | -58.29                             | -13.00      | -45.29      |

**Table 7-40. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – Low Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1882.5 |
| <b>RB / Offset:</b>     | 1 / 50 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.36               | 2.23        | 31.87                   | -63.39                             | -13.00      | -50.39      |
| 5647.5          | H               | -                   | -                          | -78.52               | 5.37        | 33.85                   | -61.41                             | -13.00      | -48.41      |
| 7530.0          | H               | -                   | -                          | -78.89               | 8.47        | 36.58                   | -58.68                             | -13.00      | -45.68      |

**Table 7-41. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – Mid Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1905.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3810.00         | H               | -                   | -                          | -77.11               | 2.02        | 31.91                   | -63.35                             | -13.00      | -50.35      |
| 5715.00         | H               | -                   | -                          | -78.99               | 6.09        | 34.10                   | -61.16                             | -13.00      | -48.16      |
| 7620.00         | H               | -                   | -                          | -80.20               | 8.93        | 35.73                   | -59.53                             | -13.00      | -46.53      |

**Table 7-42. Antenna 3b Radiated Spurious Data (LTE Band 25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## NR Band n25/2

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1870.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3740.0          | H               | -                   | -                          | -77.04               | 2.96        | 32.92                         | -62.34                             | -13.00      | -49.34      |
| 5610.0          | H               | -                   | -                          | -78.23               | 5.73        | 34.50                         | -60.76                             | -13.00      | -47.76      |
| 7480.0          | H               | -                   | -                          | -78.74               | 8.92        | 37.18                         | -58.08                             | -13.00      | -45.08      |

**Table 7-43. Antenna 3b Radiated Spurious Data (NR Band n25/2 – Low Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1882.5  |
| <b>RB / Offset:</b>     | 1 / 108 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.02               | 3.00        | 32.98                         | -62.27                             | -13.00      | -49.27      |
| 5647.5          | H               | -                   | -                          | -78.48               | 5.71        | 34.23                         | -61.03                             | -13.00      | -48.03      |
| 7530.0          | H               | -                   | -                          | -78.63               | 8.94        | 37.31                         | -57.95                             | -13.00      | -44.95      |

**Table 7-44. Antenna 3b Radiated Spurious Data (NR Band n25/2 – Mid Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1895.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3790.0          | H               | -                   | -                          | -76.87               | 3.26        | 33.39                         | -61.87                             | -13.00      | -48.87      |
| 5685.0          | H               | -                   | -                          | -78.81               | 5.95        | 34.14                         | -61.11                             | -13.00      | -48.11      |
| 7580.0          | H               | -                   | -                          | -80.36               | 9.46        | 36.10                         | -59.16                             | -13.00      | -46.16      |

**Table 7-45. Antenna 3b Radiated Spurious Data (NR Band n25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## WCDMA PCS

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9262      |
| Frequency (MHz): | 1852.4    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3704.8          | H               | -                   | -                          | -78.45               | 3.81        | 32.37                         | -62.89                             | -13.00      | -49.89      |
| 5557.2          | H               | -                   | -                          | -79.05               | 5.91        | 33.86                         | -61.40                             | -13.00      | -48.40      |
| 7409.6          | H               | -                   | -                          | -79.63               | 8.24        | 35.62                         | -59.64                             | -13.00      | -46.64      |

**Table 7-46. Antenna 3b Radiated Spurious Data (WCDMA PCS – Low Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9400      |
| Frequency (MHz): | 1880      |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3760.0          | H               | -                   | -                          | -78.78               | 3.65        | 31.88                         | -63.38                             | -13.00      | -50.38      |
| 5640.0          | H               | -                   | -                          | -79.13               | 5.90        | 33.77                         | -61.49                             | -13.00      | -48.49      |
| 7520.0          | H               | -                   | -                          | -80.29               | 8.29        | 35.00                         | -60.26                             | -13.00      | -47.26      |

**Table 7-47. Antenna 3b Radiated Spurious Data (WCDMA PCS – Mid Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9538      |
| Frequency (MHz): | 1907.6    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3815.2          | H               | -                   | -                          | -78.22               | 3.30        | 32.08                         | -63.18                             | -13.00      | -50.18      |
| 5722.8          | H               | -                   | -                          | -79.22               | 6.09        | 33.87                         | -61.39                             | -13.00      | -48.39      |
| 7630.4          | H               | -                   | -                          | -80.79               | 8.51        | 34.72                         | -60.54                             | -13.00      | -47.54      |

**Table 7-48. Antenna 3b Radiated Spurious Data (WCDMA PCS – High Channel)**

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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## 7.7.4 Antenna 2 – Radiated Spurious Emission Measurement

### LTE Band 25/2

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1860.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3720.0          | H               | -                   | -                          | -77.35               | 2.77        | 32.42                   | -62.84                             | -13.00      | -49.84      |
| 5580.0          | H               | -                   | -                          | -78.48               | 5.36        | 33.88                   | -61.38                             | -13.00      | -48.38      |
| 7440.0          | H               | -                   | -                          | -78.96               | 8.74        | 36.78                   | -58.48                             | -13.00      | -45.48      |

**Table 7-49. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – Low Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1882.5 |
| <b>RB / Offset:</b>     | 1 / 50 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.65               | 2.23        | 31.58                   | -63.68                             | -13.00      | -50.68      |
| 5647.5          | H               | -                   | -                          | -78.69               | 5.37        | 33.68                   | -61.58                             | -13.00      | -48.58      |
| 7530.0          | H               | -                   | -                          | -79.01               | 8.47        | 36.46                   | -58.80                             | -13.00      | -45.80      |

**Table 7-50. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – Mid Channel)**

|                         |        |
|-------------------------|--------|
| <b>Bandwidth (MHz):</b> | 20     |
| <b>Frequency (MHz):</b> | 1905.0 |
| <b>RB / Offset:</b>     | 1 / 50 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 3810.00         | H               | -                   | -                          | -77.03               | 2.02        | 31.99                   | -63.27                             | -13.00      | -50.27      |
| 5715.00         | H               | -                   | -                          | -78.53               | 6.09        | 34.56                   | -60.70                             | -13.00      | -47.70      |
| 7620.00         | H               | -                   | -                          | -80.12               | 8.93        | 35.81                   | -59.45                             | -13.00      | -46.45      |

**Table 7-51. Antenna 2 Radiated Spurious Data (LTE Band 25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## NR Band n25/2

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1870.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3740.0          | H               | -                   | -                          | -77.02               | 2.96        | 32.93                         | -62.32                             | -13.00      | -49.32      |
| 5610.0          | H               | -                   | -                          | -78.35               | 5.73        | 34.37                         | -60.89                             | -13.00      | -47.89      |
| 7480.0          | H               | -                   | -                          | -78.36               | 8.92        | 37.56                         | -57.70                             | -13.00      | -44.70      |

**Table 7-52. Antenna 2 Radiated Spurious Data (NR Band n25/2 – Low Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1882.5  |
| <b>RB / Offset:</b>     | 1 / 108 |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3765.0          | H               | -                   | -                          | -77.22               | 3.00        | 32.78                         | -62.47                             | -13.00      | -49.47      |
| 5647.5          | H               | -                   | -                          | -78.13               | 5.71        | 34.58                         | -60.68                             | -13.00      | -47.68      |
| 7530.0          | H               | -                   | -                          | -78.55               | 8.94        | 37.39                         | -57.87                             | -13.00      | -44.87      |

**Table 7-53. Antenna 2 Radiated Spurious Data (NR Band n25/2 – Mid Channel)**

|                         |         |
|-------------------------|---------|
| <b>Bandwidth (MHz):</b> | 40      |
| <b>Frequency (MHz):</b> | 1895.0  |
| <b>RB / Offset:</b>     | 1 / 108 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3790.0          | H               | -                   | -                          | -76.93               | 3.26        | 33.33                         | -61.93                             | -13.00      | -48.93      |
| 5685.0          | H               | -                   | -                          | -78.41               | 5.95        | 34.54                         | -60.71                             | -13.00      | -47.71      |
| 7580.0          | H               | -                   | -                          | -79.94               | 9.46        | 36.52                         | -58.74                             | -13.00      | -45.74      |

**Table 7-54. Antenna 2 Radiated Spurious Data (NR Band n25/2 – High Channel)**

|  |   |  |
|--|---|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device        |
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## WCDMA PCS

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9262      |
| Frequency (MHz): | 1852.4    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3704.8          | H               | -                   | -                          | -78.33               | 3.81        | 32.48                         | -62.78                             | -13.00      | -49.78      |
| 5557.2          | H               | -                   | -                          | -79.13               | 5.91        | 33.79                         | -61.47                             | -13.00      | -48.47      |
| 7409.6          | H               | -                   | -                          | -79.63               | 8.24        | 35.62                         | -59.64                             | -13.00      | -46.64      |

**Table 7-55. Antenna 2 Radiated Spurious Data (WCDMA PCS – Low Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9400      |
| Frequency (MHz): | 1880      |


| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3760.0          | H               | -                   | -                          | -78.66               | 3.65        | 31.99                         | -63.27                             | -13.00      | -50.27      |
| 5640.0          | H               | -                   | -                          | -79.18               | 5.90        | 33.72                         | -61.54                             | -13.00      | -48.54      |
| 7520.0          | H               | -                   | -                          | -80.21               | 8.29        | 35.08                         | -60.18                             | -13.00      | -47.18      |

**Table 7-56. Antenna 2 Radiated Spurious Data (WCDMA PCS – Mid Channel)**

|                  |           |
|------------------|-----------|
| Mode:            | WCDMA RMC |
| Channel:         | 9538      |
| Frequency (MHz): | 1907.6    |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB $\mu$ V/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|------------------------------------|-------------|-------------|
| 3815.2          | H               | -                   | -                          | -78.30               | 3.30        | 32.00                         | -63.25                             | -13.00      | -50.25      |
| 5722.8          | H               | -                   | -                          | -79.30               | 6.09        | 33.80                         | -61.46                             | -13.00      | -48.46      |
| 7630.4          | H               | -                   | -                          | -80.83               | 8.51        | 34.68                         | -60.58                             | -13.00      | -47.58      |

**Table 7-57. Antenna 2 Radiated Spurious Data (WCDMA PCS – High Channel)**

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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## 7.8 Frequency Stability / Temperature Variation

§2.1055, §24.235

### Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015 and TIA-603-E-2016. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

***For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.***

### Test Procedure Used

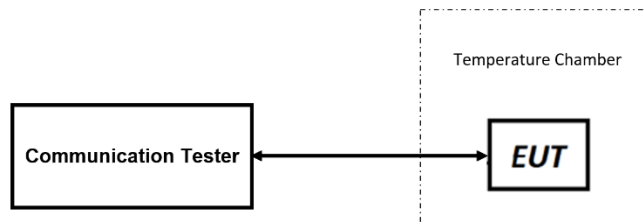
ANSI C63.26-2015

TIA-603-E-2016

### Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.


### Test Setup



**Figure 7-8. Test Instrument & Measurement Setup**

### Test Notes

1. All ports were tested and only the worst case data were reported.

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2311270066-08.BCG | Test Dates:<br>10/01/2023 - 03/07/2024   | EUT Type:<br>Tablet Device        |
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### Frequency Stability / Temperature Variation

| LTE B25/2        |             |                                     |                      |  |
|------------------|-------------|-------------------------------------|----------------------|--|
|                  |             | Operating Band Lower Boundary (GHz) | 1.850                |  |
|                  |             | Ref. Voltage (VDC):                 | 3.80                 |  |
| Voltage (%)      | Power (VDC) | Temp (°C)                           | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %            | 3.80        | - 30                                | 1.85048524           | -0.00048523                            |
|                  |             | - 20                                | 1.85048735           | -0.00048735                            |
|                  |             | - 10                                | 1.85048626           | -0.00048626                            |
|                  |             | 0                                   | 1.85048771           | -0.00048771                            |
|                  |             | + 10                                | 1.85048625           | -0.00048625                            |
|                  |             | + 20 (Ref)                          | 1.85048634           | -0.00048634                            |
|                  |             | + 30                                | 1.85048743           | -0.00048743                            |
|                  |             | + 40                                | 1.85048553           | -0.00048553                            |
| Battery Endpoint | 3.40        | + 20                                | 1.85048634           | -0.00048634                            |

Table 7-58. LTE Band 25/2 Lower Boundary Frequency Stability Data

| LTE B25/2        |             |                                     |                      |  |
|------------------|-------------|-------------------------------------|----------------------|--|
|                  |             | Operating Band Upper Boundary (GHz) | 1.915                |  |
|                  |             | Ref. Voltage (VDC):                 | 3.80                 |  |
| Voltage (%)      | Power (VDC) | Temp (°C)                           | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %            | 3.80        | - 30                                | 1.91469248           | -0.00030752                            |
|                  |             | - 20                                | 1.91469793           | -0.00030207                            |
|                  |             | - 10                                | 1.91469904           | -0.00030096                            |
|                  |             | 0                                   | 1.91469624           | -0.00030376                            |
|                  |             | + 10                                | 1.91469631           | -0.00030369                            |
|                  |             | + 20 (Ref)                          | 1.91469824           | -0.00030176                            |
|                  |             | + 30                                | 1.91469824           | -0.00030176                            |
|                  |             | + 40                                | 1.91469735           | -0.00030265                            |
| Battery Endpoint | 3.40        | + 20                                | 1.91469523           | -0.00030477                            |

Table 7-59. LTE Band 25/2 Upper Boundary Frequency Stability Data

|   |   |                            |                                   |
|---|---|----------------------------|-----------------------------------|
| FCC ID: BCGA2899                        |  | PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
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NR Band n25/2

| NR Band n25/2                       |             |            |                      |  |
|-------------------------------------|-------------|------------|----------------------|--|
| Operating Band Lower Boundary (GHz) |             |            | 1.850                |  |
| Ref. Voltage (VDC):                 |             |            | 3.80                 |  |
| Voltage (%)                         | Power (VDC) | Temp (°C)  | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %                               | 3.80        | - 30       | 1.85070435           | -0.00070435                            |
|                                     |             | - 20       | 1.85070451           | -0.00070450                            |
|                                     |             | - 10       | 1.85071499           | -0.00071499                            |
|                                     |             | 0          | 1.85071377           | -0.00071377                            |
|                                     |             | + 10       | 1.85070200           | -0.00070200                            |
|                                     |             | + 20 (Ref) | 1.85071327           | -0.00071326                            |
|                                     |             | + 30       | 1.85071134           | -0.00071134                            |
|                                     |             | + 40       | 1.85071262           | -0.00071262                            |
| Battery Endpoint                    | 3.40        | + 20       | 1.85071724           | -0.00071723                            |

Table 7-60. NR Band n25/2 Lower Boundary Frequency Stability Data

| NR Band n25/2                       |             |            |                      |  |
|-------------------------------------|-------------|------------|----------------------|--|
| Operating Band Upper Boundary (GHz) |             |            | 1.915                |  |
| Ref. Voltage (VDC):                 |             |            | 3.80                 |  |
| Voltage (%)                         | Power (VDC) | Temp (°C)  | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %                               | 3.80        | - 30       | 1.91423301           | -0.00076699                            |
|                                     |             | - 20       | 1.91423850           | -0.00076150                            |
|                                     |             | - 10       | 1.91422653           | -0.00077347                            |
|                                     |             | 0          | 1.91424379           | -0.00075621                            |
|                                     |             | + 10       | 1.91423458           | -0.00076542                            |
|                                     |             | + 20 (Ref) | 1.91422449           | -0.00077551                            |
|                                     |             | + 30       | 1.91422943           | -0.00077057                            |
|                                     |             | + 40       | 1.91422670           | -0.00077330                            |
| Battery Endpoint                    | 3.40        | + 20       | 1.91421376           | -0.00078624                            |

Table 7-61. NR Band n25/2 Upper Boundary Frequency Stability Data

|   |  |                                   |
|---|--|-----------------------------------|
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WCDMA PCS

| WCDMA PCS                           |             |            |                      |  |
|-------------------------------------|-------------|------------|----------------------|--|
| Operating Band Lower Boundary (GHz) |             |            | 1.850                |  |
| Ref. Voltage (VDC):                 |             |            | 3.80                 |  |
| Voltage (%)                         | Power (VDC) | Temp (°C)  | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %                               | 3.80        | - 30       | 1.85048876           | -0.00048876                            |
|                                     |             | - 20       | 1.85049087           | -0.00049087                            |
|                                     |             | - 10       | 1.85048978           | -0.00048978                            |
|                                     |             | 0          | 1.85049124           | -0.00049123                            |
|                                     |             | + 10       | 1.85048977           | -0.00048977                            |
|                                     |             | + 20 (Ref) | 1.85048987           | -0.00048987                            |
|                                     |             | + 30       | 1.85049096           | -0.00049096                            |
|                                     |             | + 40       | 1.85048905           | -0.00048905                            |
|                                     |             | + 50       | 1.85048991           | -0.00048991                            |
| Battery Endpoint                    | 3.40        | + 20       | 1.85048987           | -0.00048987                            |

Table 7-62. WCDMA PCS Lower Boundary Frequency Stability Data


| WCDMA PCS                           |             |            |                      |  |
|-------------------------------------|-------------|------------|----------------------|--|
| Operating Band Upper Boundary (GHz) |             |            | 1.910                |  |
| Ref. Voltage (VDC):                 |             |            | 3.80                 |  |
| Voltage (%)                         | Power (VDC) | Temp (°C)  | Measured Freq. (GHz) | Freq. Delta from Operating Range (GHz) |
| 100 %                               | 3.80        | - 30       | 1.90969072           | -0.00030928                            |
|                                     |             | - 20       | 1.90969618           | -0.00030382                            |
|                                     |             | - 10       | 1.90969729           | -0.00030271                            |
|                                     |             | 0          | 1.90969448           | -0.00030552                            |
|                                     |             | + 10       | 1.90969456           | -0.00030544                            |
|                                     |             | + 20 (Ref) | 1.90969648           | -0.00030352                            |
|                                     |             | + 30       | 1.90969648           | -0.00030352                            |
|                                     |             | + 40       | 1.90969560           | -0.00030440                            |
|                                     |             | + 50       | 1.90969559           | -0.00030441                            |
| Battery Endpoint                    | 3.40        | + 20       | 1.90969348           | -0.00030652                            |

Table 7-63. WCDMA PCS Upper Boundary Frequency Stability Data

|   |  |                                   |
|---|--|-----------------------------------|
| FCC ID: BCGA2899                        |  PART 24 MEASUREMENT REPORT | Approved by:<br>Technical Manager |
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## 8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA2899** complies with all the requirements of Part 24 of the FCC rules.

|  |   |                                   |  |
|--|---|-----------------------------------|--|
| <b>FCC ID:</b> BCGA2899                        |  <b>PART 24 MEASUREMENT REPORT</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2311270066-08.BCG | <b>Test Dates:</b><br>10/01/2023 - 03/07/2024   | <b>EUT Type:</b><br>Tablet Device | Page 217 of 217                          |

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