

Page: 492 of 939

# 8 SUMMARY OF RESULTS

#### 8.1 Decision rules

Reported measurement data comply with Test Methodology in section 1.1.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

## 8.2 Summary of SAR Results

#### Head Ant1 DSI1

| Band            | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>/kg) | ID  |
|-----------------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|--------------------|-----|
|                 |             | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| GSM850          | Right Touch | -                | 190     | 836.6          | 1/2 | 34.5                            | 33.30                  | 131.83% | 0.043    | 0.057              | -   |
| GSM850          | Right Tilt  | -                | 190     | 836.6          | 1/2 | 34.5                            | 33.30                  | 131.83% | 0.022    | 0.029              | -   |
| GSM850          | Left Touch  | -                | 128     | 824.2          | 1/2 | 34.5                            | 33.18                  | 135.52% | 0.068    | 0.092              | -   |
| GSM850          | Left Touch  | -                | 190     | 836.6          | 1/2 | 34.5                            | 33.30                  | 131.83% | 0.072    | 0.095              | 001 |
| GSM850          | Left Touch  | -                | 251     | 848.8          | 1/2 | 34.5                            | 33.21                  | 134.59% | 0.058    | 0.078              | -   |
| GSM850          | Left Tilt   | -                | 190     | 836.6          | 1/2 | 34.5                            | 33.30                  | 131.83% | 0.031    | 0.041              | -   |
|                 |             |                  |         |                |     |                                 |                        |         |          |                    |     |
| Band            | Position    | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|                 |             | (mm)             |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | -       | Measured | Reported           |     |
| WCDMA Band V    | Right Touch | -                | 4183    | 836.6          | 1/2 | 25.0                            | 23.42                  | 143.88% | 0.129    | 0.186              | -   |
| WCDMA Band V    | Right Tilt  | -                | 4183    | 836.6          | 1/2 | 25.0                            | 23.42                  | 143.88% | 0.063    | 0.091              | -   |
| WCDMA Band V    | Left Touch  | -                | 4132    | 826.4          | 1/2 | 25.0                            | 23.39                  | 144.88% | 0.170    | 0.246              | -   |
| WCDMA Band V    | Left Touch  | -                | 4183    | 836.6          | 1/2 | 25.0                            | 23.42                  | 143.88% | 0.177    | 0.255              | 002 |
| WCDIVIA Dalla V |             |                  |         |                |     |                                 |                        |         |          |                    |     |
| WCDMA Band V    | Left Touch  | -                | 4233    | 846.6          | 1/2 | 25.0                            | 23.35                  | 146.22% | 0.162    | 0.237              | -   |

# Head Ant2 DSI1

| Band          | Position    | Distance (mm)    | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|---------------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|---------------------|-----|
|               |             | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| GSM1900       | Right Touch | -                | 512     | 1850.2         | 1/2 | 31.5                            | 29.91                  | 144.21% | 0.013    | 0.019               | -   |
| GSM1900       | Right Touch | -                | 661     | 1880           | 1/2 | 31.5                            | 29.66                  | 152.76% | 0.015    | 0.023               | 003 |
| GSM1900       | Right Touch | -                | 810     | 1909.8         | 1/2 | 31.5                            | 29.84                  | 146.55% | 0.010    | 0.015               | -   |
| GSM1900       | Right Tilt  | -                | 661     | 1880           | 1/2 | 31.5                            | 29.66                  | 152.76% | 0.005    | 0.008               | -   |
| GSM1900       | Left Touch  | -                | 661     | 1880           | 1/2 | 31.5                            | 29.66                  | 152.76% | 0.007    | 0.011               | -   |
| GSM1900       | Left Tilt   | -                | 661     | 1880           | 1/2 | 31.5                            | 29.66                  | 152.76% | 0.002    | 0.003               | -   |
| Band          | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|               |             | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| WCDMA Band II | Right Touch | -                | 9262    | 1852.4         | 1/2 | 25.0                            | 23.26                  | 149.28% | 0.201    | 0.300               | -   |
| WCDMA Band II | Right Touch | -                | 9400    | 1880           | 1/2 | 25.0                            | 23.38                  | 145.21% | 0.214    | 0.311               | 004 |
| WCDMA Band II | Right Touch | -                | 9538    | 1907.6         | 1/2 | 25.0                            | 23.32                  | 147.23% | 0.193    | 0.284               | -   |
| WCDMA Band II | Right Tilt  | -                | 9400    | 1880           | 1/2 | 25.0                            | 23.38                  | 145.21% | 0.071    | 0.103               | -   |
| WCDMA Band II | Left Touch  | -                | 9400    | 1880           | 1/2 | 25.0                            | 23.38                  | 145.21% | 0.099    | 0.144               | -   |
| WCDMA Band II | Left Tilt   | -                | 9400    | 1880           | 1/2 | 25.0                            | 23.38                  | 145.21% | 0.022    | 0.032               | -   |
| WCDMA Band IV | Right Touch | -                | 1312    | 1712.4         | 1/2 | 25.0                            | 23.56                  | 139.32% | 0.116    | 0.162               | 005 |
| WCDMA Band IV | Right Touch | -                | 1412    | 1732.4         | 1/2 | 25.0                            | 23.50                  | 141.25% | 0.103    | 0.145               | -   |
| WCDMA Band IV | Right Touch | -                | 1513    | 1752.6         | 1/2 | 25.0                            | 23.35                  | 146.22% | 0.092    | 0.135               | -   |
| WCDMA Band IV | Right Tilt  | -                | 1312    | 1712.4         | 1/2 | 25.0                            | 23.56                  | 139.32% | 0.021    | 0.029               | -   |
| WCDMA Band IV | Left Touch  | -                | 1312    | 1712.4         | 1/2 | 25.0                            | 23.56                  | 139.32% | 0.074    | 0.104               | -   |
| WCDMA Band IV | Left Tilt   | -                | 1312    | 1712.4         | 1/2 | 25.0                            | 23.56                  | 139.32% | 0.016    | 0.022               | -   |

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Page: 493 of 939

#### Head Ant3 DSI1

| Band         | Position    | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling  |          | AR over 1g<br>(kg) | ID  |
|--------------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|----------|----------|--------------------|-----|
|              |             | (mm)             |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | -        | Measured | Reported           |     |
| GSM850       | Right Touch | -                | 190     | 836.6          | 1   | 34.5                            | 33.30                  | 131.83%  | 0.552    | 0.728              | -   |
| GSM850       | Right Tilt  | -                | 190     | 836.6          | 1   | 34.5                            | 33.30                  | 131.83%  | 0.531    | 0.700              | -   |
| GSM850       | Left Touch  | -                | 128     | 824.2          | 1   | 34.5                            | 33.18                  | 135.52%  | 0.749    | 1.015              | -   |
| GSM850       | Left Touch  | -                | 190     | 836.6          | 1   | 34.5                            | 33.30                  | 131.83%  | 0.808    | 1.065              | 006 |
| GSM850       | Left Touch  | -                | 251     | 848.8          | 1   | 34.5                            | 33.21                  | 134.59%  | 0.712    | 0.958              | -   |
| GSM850       | Left Tilt   | -                | 190     | 836.6          | 1   | 34.5                            | 33.30                  | 131.83%  | 0.721    | 0.950              | -   |
| Band         | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling  |          | AR over 1g<br>(kg) | ID  |
|              |             | ()               |         | (111112)       |     | Tolerance (dBm)                 | (dBm)                  |          | Measured | Reported           |     |
| WCDMA Band V | Right Touch | -                | 4132    | 826.4          | 1   | 23.5                            | 23.39                  | 102.57%  | 0.735    | 0.754              | -   |
| WCDMA Band V | Right Touch | -                | 4183    | 836.6          | 1   | 23.5                            | 23.42                  | 101.86%  | 0.773    | 0.787              | -   |
| WCDMA Band V | Right Touch | -                | 4233    | 846.6          | 1   | 23.5                            | 23.35                  | 103.51%  | 0.716    | 0.741              | -   |
| WCDMA Band V | Right Tilt  | -                | 4183    | 836.6          | 1   | 23.5                            | 23.42                  | 101.86%  | 0.726    | 0.739              | -   |
| WCDMA Band V | Left Touch  | -                | 4132    | 826.4          | 1   | 23.5                            | 23.39                  | 102.57%  | 1.020    | 1.046              | -   |
| WCDMA Band V | Left Touch  | -                | 4183    | 836.6          | 1   | 23.5                            | 23.42                  | 101.86%  | 1.110    | 1.131              | 007 |
|              |             |                  |         |                |     |                                 | 00.05                  | 100 510/ | 0.004    | 4.040              |     |
| WCDMA Band V | Left Touch  | -                | 4233    | 846.6          | 1   | 23.5                            | 23.35                  | 103.51%  | 0.984    | 1.019              | -   |

## Head Ant3 DSI2

| Band   | Position                                | Distance       | Channel              | Freq.                            | DSI              | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power           | Scaling                       |                                     | SAR over 1g<br>/kg)                 | ID      |
|--|---|----------------|----------------------|----------------------------------|------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------------|-------------------------------------|---------|
|  |   | (mm)           |                      | (MHz)                            |                  | Tolerance (dBm)                 | (dBm)                            |                               | Measured                            | Reported                            |         |
| GSM850                                       | Right Touch                             | -              | 190                  | 836.6                            | 2                | 33.5                            | 33.30                            | 104.71%                       | 0.552                               | 0.578                               | -       |
| GSM850                                       | Right Tilt                              | -              | 190                  | 836.6                            | 2                | 33.5                            | 33.30                            | 104.71%                       | 0.531                               | 0.556                               | -       |
| GSM850                                       | Left Touch                              | -              | 128                  | 824.2                            | 2                | 33.5                            | 33.18                            | 107.65%                       | 0.749                               | 0.806                               | -       |
| GSM850                                       | Left Touch                              | -              | 190                  | 836.6                            | 2                | 33.5                            | 33.30                            | 104.71%                       | 0.808                               | 0.846                               | -       |
| GSM850                                       | Left Touch                              | -              | 251                  | 848.8                            | 2                | 33.5                            | 33.21                            | 106.91%                       | 0.712                               | 0.761                               | -       |
| GSM850                                       | Left Tilt                               | -              | 190                  | 836.6                            | 2                | 33.5                            | 33.30                            | 104.71%                       | 0.721                               | 0.755                               | -       |
| 5 .  |   | Distance       |                      | Freq.                            |                  | Max. Rated Avg.                 | Measured                         |                               |                                     | SAR over 1g                         |         |
| Band   | Position                                |                | Channel              |                                  | DSI              | Power + Max.                    | Avg. Power                       | Scaling                       | (W                                  | /kg)                                | ID      |
| Band   | Position                                | (mm)           | Channel              | (MHz)                            | DSI              | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm)              | Scaling                       | Measured                            | /kg)<br>Reported                    | ID      |
| Band WCDMA Band V                            | Position<br>Right Touch                 |                | Channel<br>4183      |                                  | DSI<br>2         |                                 |                                  | Scaling<br>101.16%            |                                     |                                     | ID<br>- |
|  |   | (mm)           |                      | (MHz)                            |                  | Tolerance (dBm)                 | (dBm)                            |                               | Measured                            | Reported                            |         |
| WCDMA Band V                                 | Right Touch                             | (mm)<br>-      | 4183                 | (MHz)<br>836.6                   | 2                | Tolerance (dBm)<br>22.5         | (dBm)<br>22.45                   | 101.16%                       | Measured<br>0.625                   | Reported<br>0.632                   | -       |
| WCDMA Band V<br>WCDMA Band V                 | Right Touch<br>Right Tilt               | (mm)<br>-<br>- | 4183<br>4183         | (MHz)<br>836.6<br>836.6          | 2 2              | Tolerance (dBm) 22.5 22.5       | (dBm)<br>22.45<br>22.45          | 101.16%<br>101.16%            | Measured<br>0.625<br>0.587          | Reported<br>0.632<br>0.594          | -       |
| WCDMA Band V<br>WCDMA Band V<br>WCDMA Band V | Right Touch<br>Right Tilt<br>Left Touch | (mm)<br>-<br>- | 4183<br>4183<br>4132 | (MHz)<br>836.6<br>836.6<br>826.4 | 2<br>2<br>2<br>2 | Tolerance (dBm) 22.5 22.5 22.5  | (dBm)<br>22.45<br>22.45<br>22.39 | 101.16%<br>101.16%<br>102.57% | Measured<br>0.625<br>0.587<br>0.831 | Reported<br>0.632<br>0.594<br>0.852 | -       |

#### Head Ant4 DSI1

| Band          | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|---------------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|---------------------|-----|
|               |             | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| GSM1900       | Right Touch | -                | 512     | 1850.2         | 1   | 31.5                            | 29.91                  | 144.21% | 0.582    | 0.839               | -   |
| GSM1900       | Right Touch | -                | 661     | 1880           | 1   | 31.5                            | 29.66                  | 152.76% | 0.598    | 0.913               | 008 |
| GSM1900       | Right Touch | -                | 810     | 1909.8         | 1   | 31.5                            | 29.84                  | 146.55% | 0.532    | 0.780               | -   |
| GSM1900       | Right Tilt  | -                | 661     | 1880           | 1   | 31.5                            | 29.66                  | 152.76% | 0.473    | 0.723               | -   |
| GSM1900       | Left Touch  | -                | 661     | 1880           | 1   | 31.5                            | 29.66                  | 152.76% | 0.282    | 0.431               | -   |
| GSM1900       | Left Tilt   | -                | 661     | 1880           | 1   | 31.5                            | 29.66                  | 152.76% | 0.223    | 0.341               | -   |
| Band          | Position    | Distance (mm)    | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|               |             | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| WCDMA Band II | Right Touch | -                | 9262    | 1852.4         | 1   | 23.5                            | 23.26                  | 105.68% | 1.090    | 1.152               | -   |
| WCDMA Band II | Right Touch | -                | 9400    | 1880           | 1   | 23.5                            | 23.38                  | 102.80% | 1.150    | 1.182               | 009 |
| WCDMA Band II | Right Touch | -                | 9538    | 1907.6         | 1   | 23.5                            | 23.32                  | 104.23% | 0.975    | 1.016               | -   |
| WCDMA Band II | Right Tilt  | -                | 9400    | 1880           | 1   | 23.5                            | 23.38                  | 102.80% | 1.000    | 1.028               | -   |
| WCDMA Band II | Left Touch  | -                | 9400    | 1880           | 1   | 23.5                            | 23.38                  | 102.80% | 0.373    | 0.383               | -   |
| WCDMA Band II | Left Tilt   | -                | 9400    | 1880           | 1   | 23.5                            | 23.38                  | 102.80% | 0.312    | 0.321               | -   |
| WCDMA Band IV | Right Touch | -                | 1312    | 1712.4         | 1   | 24.0                            | 23.56                  | 110.66% | 0.929    | 1.028               | 010 |
| WCDMA Band IV | Right Touch | -                | 1412    | 1732.4         | 1   | 24.0                            | 23.50                  | 112.20% | 0.903    | 1.013               | -   |
| WCDMA Band IV | Right Touch | -                | 1513    | 1752.6         | 1   | 24.0                            | 23.35                  | 116.14% | 0.875    | 1.016               | -   |
| WCDMA Band IV | Right Tilt  | -                | 1312    | 1712.4         | 1   | 24.0                            | 23.56                  | 110.66% | 0.853    | 0.944               | -   |
| WCDMA Band IV | Left Touch  | -                | 1312    | 1712.4         | 1   | 24.0                            | 23.56                  | 110.66% | 0.313    | 0.346               | -   |
| WCDMA Band IV | Left Tilt   | -                | 1312    | 1712.4         | 1   | 24.0                            | 23.56                  | 110.66% | 0.275    | 0.304               | -   |

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Page: 494 of 939

### Head Ant4 DSI2

| Band          | Position    | Distance | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |                                | AR over 1g<br>(kg) | ID |
|---------------|-------------|----------|---------|----------------|-----|---------------------------------|------------------------|---------|--------------------------------|--------------------|----|
|               |             | (mm)     |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | · ·     | Measured                       | Reported           |    |
| GSM1900       | Right Touch | -        | 512     | 1850.2         | 2   | 30.5                            | 29.91                  | 114.55% | 0.582                          | 0.667              | -  |
| GSM1900       | Right Touch | -        | 661     | 1880           | 2   | 30.5                            | 29.66                  | 121.34% | 0.598                          | 0.726              | -  |
| GSM1900       | Right Touch | -        | 810     | 1909.8         | 2   | 30.5                            | 29.84                  | 116.41% | 0.532                          | 0.619              | -  |
| GSM1900       | Right Tilt  | -        | 661     | 1880           | 2   | 30.5                            | 29.66                  | 121.34% | 0.473                          | 0.574              | -  |
| GSM1900       | Left Touch  | -        | 661     | 1880           | 2   | 30.5                            | 29.66                  | 121.34% | 0.282                          | 0.342              | -  |
| GSM1900       | Left Tilt   | -        | 661     | 1880           | 2   | 30.5                            | 29.66                  | 121.34% | 0.223                          | 0.271              | -  |
| Band          | Position    | Distance | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged SAR over 1g<br>(W/kg) |                    | ID |
|               |             | (mm)     |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured                       | Reported           |    |
| WCDMA Band II | Right Touch | -        | 9400    | 1880           | 2   | 22.0                            | 21.98                  | 100.46% | 0.765                          | 0.769              | -  |
| WCDMA Band II | Right Tilt  | -        | 9400    | 1880           | 2   | 22.0                            | 21.98                  | 100.46% | 0.728                          | 0.731              | -  |
| WCDMA Band II | Left Touch  | -        | 9400    | 1880           | 2   | 22.0                            | 21.98                  | 100.46% | 0.271                          | 0.272              | -  |
| WCDMA Band II | Left Tilt   | -        | 9400    | 1880           | 2   | 22.0                            | 21.98                  | 100.46% | 0.227                          | 0.228              | -  |
|               |             |          |         |                |     |                                 |                        |         |                                |                    |    |
| WCDMA Band IV | Right Touch | -        | 1312    | 1712.4         | 2   | 23.0                            | 22.98                  | 100.46% | 0.718                          | 0.721              | -  |
| WCDMA Band IV | Right Tilt  | -        | 1312    | 1712.4         | 2   | 23.0                            | 22.98                  | 100.46% | 0.659                          | 0.662              | -  |
| WCDMA Band IV | Left Touch  | -        | 1312    | 1712.4         | 2   | 23.0                            | 22.98                  | 100.46% | 0.242                          | 0.243              | -  |
| WCDMA Band IV | Left Tilt   | -        | 1312    | 1712.4         | 2   | 23.0                            | 22.98                  | 100.46% | 0.213                          | 0.214              | -  |

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Page: 495 of 939

## Body-worn Ant1

| Band                | Band             | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | AR over 1g<br>kg) | ID  |
|---------------------|------------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|------------------|-------------------|-----|
|                     |                  |               | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported          |     |
|                     | GPRS850 <1Dn2Up> | Front Surface | 15               | 128     | 824.2          | 0   | 33.0                            | 32.83                  | 103.99% | 0.203            | 0.211             | -   |
| GPRS850<br><1Dn2Up> | GPRS850 <1Dn2Up> | Front Surface | 15               | 190     | 836.6          | 0   | 33.0                            | 32.94                  | 101.39% | 0.214            | 0.217             | 011 |
| (TDH2Op>            | GPRS850 <1Dn2Up> | Front Surface | 15               | 251     | 848.8          | 0   | 33.0                            | 32.89                  | 102.57% | 0.185            | 0.190             | -   |
|                     | GPRS850 <1Dn2Up> | Back Surface  | 15               | 190     | 836.6          | 0   | 33.0                            | 32.94                  | 101.39% | 0.185            | 0.188             | -   |
| Band                | Band             | Position      | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | AR over 1g<br>kg) | ID  |
|                     |                  |               | (mm)             |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported          |     |
|                     | WCDMA Band V     | Front Surface | 15               | 4132    | 826.4          | 0   | 25.0                            | 23.39                  | 144.88% | 0.061            | 0.088             | -   |
| WCDMA               | WCDMA Band V     | Front Surface | 15               | 4183    | 836.6          | 0   | 25.0                            | 23.42                  | 143.88% | 0.067            | 0.096             | 012 |
| Band V              | WCDMA Band V     | Front Surface | 15               | 4233    | 846.6          | 0   | 25.0                            | 23.35                  | 146.22% | 0.053            | 0.077             | -   |
| I .                 | WCDMA Band V     | Back Surface  | 15               | 4183    | 836.6          | n   | 25.0                            | 23.42                  | 143.88% | 0.055            | 0.079             | _   |

Body-worn Ant2

| Band              | Position      | Distance | Channel | Freq.  | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>/kg) | ID  |
|-------------------|---------------|----------|---------|--------|-----|---------------------------------|------------------------|---------|----------|--------------------|-----|
|                   |               | (mm)     |         | (MHz)  |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| GPRS1900 <1Dn2Up> | Front Surface | 15       | 512     | 1850.2 | 0   | 30.0                            | 29.48                  | 112.72% | 0.032    | 0.036              | -   |
| GPRS1900 <1Dn2Up> | Front Surface | 15       | 661     | 1880   | 0   | 30.0                            | 29.21                  | 119.95% | 0.041    | 0.049              | 013 |
| GPRS1900 <1Dn2Up> | Front Surface | 15       | 810     | 1909.8 | 0   | 30.0                            | 29.44                  | 113.76% | 0.040    | 0.046              | -   |
| GPRS1900 <1Dn2Up> | Back Surface  | 15       | 661     | 1880   | 0   | 30.0                            | 29.21                  | 119.95% | 0.036    | 0.043              | -   |
| Band              | Position      | Distance | Channel | Freq.  | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|                   |               | (mm)     |         | (MHz)  |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| WCDMA Band II     | Front Surface | 15       | 9262    | 1852.4 | 0   | 25.0                            | 23.26                  | 149.28% | 0.212    | 0.316              | -   |
| WCDMA Band II     | Front Surface | 15       | 9400    | 1880   | 0   | 25.0                            | 23.38                  | 145.21% | 0.246    | 0.357              | 014 |
| WCDMA Band II     | Front Surface | 15       | 9538    | 1907.6 | 0   | 25.0                            | 23.32                  | 147.23% | 0.238    | 0.350              | -   |
| WCDMA Band II     | Back Surface  | 15       | 9400    | 1880   | 0   | 25.0                            | 23.38                  | 145.21% | 0.206    | 0.299              | -   |
|                   |               |          |         |        |     |                                 |                        |         |          |                    |     |
| WCDMA Band IV     | Front Surface | 15       | 1312    | 1712.4 | 0   | 25.0                            | 23.56                  | 139.32% | 0.220    | 0.306              | 015 |
| WCDMA Band IV     | Front Surface | 15       | 1412    | 1732.4 | 0   | 25.0                            | 23.50                  | 141.25% | 0.212    | 0.299              | -   |
| WCDMA Band IV     | Front Surface | 15       | 1513    | 1752.6 | 0   | 25.0                            | 23.35                  | 146.22% | 0.187    | 0.273              | -   |
| WCDMA Band IV     | Back Surface  | 15       | 1312    | 1712.4 | 0   | 25.0                            | 23.56                  | 139.32% | 0.147    | 0.205              | -   |

Body-worn Ant3

| Band             | Position      | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|------------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|--------------------|-----|
|                  |               | (mm)             |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | -       | Measured | Reported           |     |
| GPRS850 <1Dn2Up> | Front Surface | 15               | 128     | 824.2          | 0   | 33.0                            | 32.83                  | 103.99% | 0.218    | 0.227              | -   |
| GPRS850 <1Dn2Up> | Front Surface | 15               | 190     | 836.6          | 0   | 33.0                            | 32.94                  | 101.39% | 0.234    | 0.237              | 016 |
| GPRS850 <1Dn2Up> | Front Surface | 15               | 251     | 848.8          | 0   | 33.0                            | 32.89                  | 102.57% | 0.228    | 0.234              | -   |
| GPRS850 <1Dn2Up> | Back Surface  | 15               | 190     | 836.6          | 0   | 33.0                            | 32.94                  | 101.39% | 0.157    | 0.159              | -   |
| Band             | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|                  |               | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| WCDMA Band V     | Front Surface | 15               | 4132    | 826.4          | 0   | 25.0                            | 23.39                  | 144.88% | 0.132    | 0.191              | -   |
| WCDMA Band V     | Front Surface | 15               | 4183    | 836.6          | 0   | 25.0                            | 23.42                  | 143.88% | 0.151    | 0.217              | 017 |
| WCDMA Band V     | Front Surface | 15               | 4233    | 846.6          | 0   | 25.0                            | 23.35                  | 146.22% | 0.148    | 0.216              | -   |
| WCDMA Band V     | Back Surface  | 15               | 4183    | 836.6          | 0   | 25.0                            | 23.42                  | 143.88% | 0.106    | 0.153              | -   |

Body-worn Ant4

| Band              | Position      | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|-------------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|--------------------|-----|
|                   |               | (111111)         |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| GPRS1900 <1Dn2Up> | Front Surface | 15               | 512     | 1850.2         | 0   | 30.0                            | 29.48                  | 112.72% | 0.051    | 0.057              | -   |
| GPRS1900 <1Dn2Up> | Front Surface | 15               | 661     | 1880           | 0   | 30.0                            | 29.21                  | 119.95% | 0.064    | 0.077              | 018 |
| GPRS1900 <1Dn2Up> | Front Surface | 15               | 810     | 1909.8         | 0   | 30.0                            | 29.44                  | 113.76% | 0.061    | 0.069              | -   |
| GPRS1900 <1Dn2Up> | Back Surface  | 15               | 661     | 1880           | 0   | 30.0                            | 29.21                  | 119.95% | 0.054    | 0.065              | -   |
| Band              | Position      | Distance         | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>(kg) | ID  |
|                   |               | (mm)             |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported           |     |
| WCDMA Band II     | Front Surface | 15               | 9262    | 1852.4         | 0   | 25.0                            | 23.26                  | 149.28% | 0.077    | 0.115              | -   |
| WCDMA Band II     | Front Surface | 15               | 9400    | 1880           | 0   | 25.0                            | 23.38                  | 145.21% | 0.081    | 0.118              | 019 |
| WCDMA Band II     | Front Surface | 15               | 9538    | 1907.6         | 0   | 25.0                            | 23.32                  | 147.23% | 0.064    | 0.094              | -   |
| WCDMA Band II     | Back Surface  | 15               | 9400    | 1880           | 0   | 25.0                            | 23.38                  | 145.21% | 0.069    | 0.100              | -   |
|                   |               |                  |         |                |     |                                 |                        |         |          |                    |     |
| WCDMA Band IV     | Front Surface | 15               | 1312    | 1712.4         | 0   | 25.0                            | 23.56                  | 139.32% | 0.078    | 0.109              | 020 |
| WCDMA Band IV     | Front Surface | 15               | 1412    | 1732.4         | 0   | 25.0                            | 23.50                  | 141.25% | 0.071    | 0.100              | -   |
| WCDMA Band IV     | Front Surface | 15               | 1513    | 1752.6         | 0   | 25.0                            | 23.35                  | 146.22% | 0.066    | 0.097              | -   |
| WCDMA Band IV     | Back Surface  | 15               | 1312    | 1712.4         | 0   | 25.0                            | 23.56                  | 139.32% | 0.048    | 0.067              | -   |

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Page: 496 of 939

# Hotspot Ant1

| Band                | Band             | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W/ | AR over 1g<br>'kg) | ID  |
|---------------------|------------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|-------------------|--------------------|-----|
|                     |                  |               | (11111)          |         | (IVII IZ)      |     | Tolerance (dBm)                 | (dBm)                  |         | Measured          | Reported           |     |
|                     | GPRS850 <1Dn2Up> | Front Surface | 10               | 190     | 836.6          | 4   | 33.0                            | 32.94                  | 101.39% | 0.411             | 0.417              | -   |
|                     | GPRS850 <1Dn2Up> | Back Surface  | 10               | 190     | 836.6          | 4   | 33.0                            | 32.94                  | 101.39% | 0.437             | 0.443              | -   |
| GPRS850<br><1Dn2Up> | GPRS850 <1Dn2Up> | Bottom Edge   | 10               | 190     | 836.6          | 4   | 33.0                            | 32.94                  | 101.39% | 0.382             | 0.387              | -   |
| <1DHZ0p>            | GPRS850 <1Dn2Up> | Left Edge     | 10               | 128     | 824.2          | 4   | 33.0                            | 32.83                  | 103.99% | 0.483             | 0.502              | -   |
|                     | GPRS850 <1Dn2Up> | Left Edge     | 10               | 190     | 836.6          | 4   | 33.0                            | 32.94                  | 101.39% | 0.501             | 0.508              | 021 |
|                     | GPRS850 <1Dn2Up> | Left Edge     | 10               | 251     | 848.8          | 4   | 33.0                            | 32.89                  | 102.57% | 0.492             | 0.505              | -   |
| Band                | Band             | Position      | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |                   | AR over 1g<br>kg)  | ID  |
|                     |                  |               | (mm)             |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | _       | Measured          | Reported           |     |
|                     | WCDMA Band V     | Front Surface | 10               | 4183    | 836.6          | 4   | 25.0                            | 23.42                  | 143.88% | 0.193             | 0.278              | -   |
|                     | WCDMA Band V     | Back Surface  | 10               | 4183    | 836.6          | 4   | 25.0                            | 23.42                  | 143.88% | 0.229             | 0.329              | -   |
| WCDMA               | WCDMA Band V     | Bottom Edge   | 10               | 4183    | 836.6          | 4   | 25.0                            | 23.42                  | 143.88% | 0.172             | 0.247              | -   |
| Band V              | WCDMA Band V     | Left Edge     | 10               | 4132    | 826.4          | 4   | 25.0                            | 23.39                  | 144.88% | 0.231             | 0.335              | -   |
|                     | WCDMA Band V     | Left Edge     | 10               | 4183    | 836.6          | 4   | 25.0                            | 23.42                  | 143.88% | 0.256             | 0.368              | 022 |
| į .                 | WCDMA Band V     | Left Edge     | 10               | 4233    | 846.6          | 4   | 25.0                            | 23.35                  | 146.22% | 0.228             | 0.333              | -   |

Hotspot Ant2

| Band              | Position      | Distance         | Channel | Freq.  | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|-------------------|---------------|------------------|---------|--------|-----|---------------------------------|------------------------|---------|----------|---------------------|-----|
|                   |               | (mm)             |         | (MHz)  |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| GPRS1900 <1Dn2Up> | Front Surface | 10               | 512     | 1850.2 | 4   | 30.0                            | 29.48                  | 112.72% | 0.112    | 0.126               | -   |
| GPRS1900 <1Dn2Up> | Back Surface  | 10               | 512     | 1850.2 | 4   | 30.0                            | 29.48                  | 112.72% | 0.096    | 0.108               | -   |
| GPRS1900 <1Dn2Up> | Bottom Edge   | 10               | 512     | 1850.2 | 4   | 30.0                            | 29.48                  | 112.72% | 0.138    | 0.156               | -   |
| GPRS1900 <1Dn2Up> | Bottom Edge   | 10               | 661     | 1880   | 4   | 30.0                            | 29.21                  | 119.95% | 0.159    | 0.191               | 023 |
| GPRS1900 <1Dn2Up> | Bottom Edge   | 10               | 810     | 1909.8 | 4   | 30.0                            | 29.44                  | 113.76% | 0.151    | 0.172               | -   |
| GPRS1900 <1Dn2Up> | Right Edge    | 10               | 512     | 1850.2 | 4   | 30.0                            | 29.48                  | 112.72% | 0.023    | 0.026               | -   |
| Band              | Position      | Distance<br>(mm) | Channel | Freq.  | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>/kg)  | ID  |
|                   |               | (11111)          |         | (MHz)  |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| WCDMA Band II     | Front Surface | 10               | 9400    | 1880   | 4   | 24.5                            | 23.38                  | 129.42% | 0.385    | 0.498               | -   |
| WCDMA Band II     | Back Surface  | 10               | 9400    | 1880   | 4   | 24.5                            | 23.38                  | 129.42% | 0.254    | 0.329               | -   |
| WCDMA Band II     | Bottom Edge   | 10               | 9262    | 1852.4 | 4   | 24.5                            | 23.26                  | 133.05% | 0.833    | 1.108               | -   |
| WCDMA Band II     | Bottom Edge   | 10               | 9400    | 1880   | 4   | 24.5                            | 23.38                  | 129.42% | 0.879    | 1.138               | 024 |
| WCDMA Band II     | Bottom Edge   | 10               | 9538    | 1907.6 | 4   | 24.5                            | 23.32                  | 131.22% | 0.791    | 1.038               | -   |
| WCDMA Band II     | Right Edge    | 10               | 9400    | 1880   | 4   | 24.5                            | 23.38                  | 129.42% | 0.135    | 0.175               | -   |
|                   |               |                  |         |        |     |                                 |                        |         |          |                     |     |
| WCDMA Band IV     | Front Surface | 10               | 1312    | 1712.4 | 4   | 25.0                            | 23.56                  | 139.32% | 0.325    | 0.453               | -   |
| WCDMA Band IV     | Back Surface  | 10               | 1312    | 1712.4 | 4   | 25.0                            | 23.56                  | 139.32% | 0.219    | 0.305               | -   |
| WCDMA Band IV     | Bottom Edge   | 10               | 1312    | 1712.4 | 4   | 25.0                            | 23.56                  | 139.32% | 0.855    | 1.191               | 025 |
| WCDMA Band IV     | Bottom Edge   | 10               | 1412    | 1732.4 | 4   | 25.0                            | 23.50                  | 141.25% | 0.841    | 1.188               | -   |
| WCDMA Band IV     | Bottom Edge   | 10               | 1513    | 1752.6 | 4   | 25.0                            | 23.35                  | 146.22% | 0.802    | 1.173               | -   |
| WCDMA Band IV     | Right Edge    | 10               | 1312    | 1712.4 | 4   | 25.0                            | 23.56                  | 139.32% | 0.122    | 0.170               | -   |

## Hotspot Ant3

| Band             | Position      | Distance | Channel | Freq. | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|------------------|---------------|----------|---------|-------|-----|---------------------------------|------------------------|---------|----------|---------------------|-----|
|                  |               | (mm)     |         | (MHz) |     | Tolerance (dBm)                 | (dBm)                  | _       | Measured | Reported            |     |
| GPRS850 <1Dn2Up> | Front Surface | 10       | 190     | 836.6 | 4   | 33.0                            | 32.94                  | 101.39% | 0.612    | 0.621               | -   |
| GPRS850 <1Dn2Up> | Back Surface  | 10       | 190     | 836.6 | 4   | 33.0                            | 32.94                  | 101.39% | 0.357    | 0.362               | -   |
| GPRS850 <1Dn2Up> | Top Edge      | 10       | 190     | 836.6 | 4   | 33.0                            | 32.94                  | 101.39% | 0.582    | 0.590               | -   |
| GPRS850 <1Dn2Up> | Right Edge    | 10       | 128     | 824.2 | 4   | 33.0                            | 32.83                  | 103.99% | 0.639    | 0.665               | -   |
| GPRS850 <1Dn2Up> | Right Edge    | 10       | 190     | 836.6 | 4   | 33.0                            | 32.94                  | 101.39% | 0.682    | 0.691               | 026 |
| GPRS850 <1Dn2Up> | Right Edge    | 10       | 251     | 848.8 | 4   | 33.0                            | 32.89                  | 102.57% | 0.578    | 0.593               | -   |
| Band             | Position      | Distance | Channel | Freq. | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | AR over 1g<br>/kg)  | ID  |
|                  |               | (mm)     |         | (MHz) |     | Tolerance (dBm)                 | (dBm)                  | _       | Measured | Reported            |     |
| WCDMA Band V     | Front Surface | 10       | 4183    | 836.6 | 4   | 25.0                            | 23.42                  | 143.88% | 0.493    | 0.709               | -   |
| WCDMA Band V     | Back Surface  | 10       | 4183    | 836.6 | 4   | 25.0                            | 23.42                  | 143.88% | 0.290    | 0.417               | -   |
| WCDMA Band V     | Top Edge      | 10       | 4183    | 836.6 | 4   | 25.0                            | 23.42                  | 143.88% | 0.449    | 0.646               | -   |
| WCDMA Band V     | Right Edge    | 10       | 4132    | 826.4 | 4   | 25.0                            | 23.39                  | 144.88% | 0.504    | 0.730               | -   |
| WCDMA Band V     | Right Edge    | 10       | 4183    | 836.6 | 4   | 25.0                            | 23.42                  | 143.88% | 0.520    | 0.748               | 027 |
|                  |               |          |         |       |     | 25.0                            | 23.35                  | 146.22% | 0.431    |                     |     |

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Page: 497 of 939

Hotspot Ant4

| Band              | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|-------------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|----------|---------------------|-----|
|                   |               | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| GPRS1900 <1Dn2Up> | Front Surface | 10               | 512     | 1850.2         | 4   | 30.0                            | 29.48                  | 112.72% | 0.137    | 0.154               | -   |
| GPRS1900 <1Dn2Up> | Back Surface  | 10               | 512     | 1850.2         | 4   | 30.0                            | 29.48                  | 112.72% | 0.120    | 0.135               | -   |
| GPRS1900 <1Dn2Up> | Top Edge      | 10               | 512     | 1850.2         | 4   | 30.0                            | 29.48                  | 112.72% | 0.148    | 0.167               | -   |
| GPRS1900 <1Dn2Up> | Left Edge     | 10               | 512     | 1850.2         | 4   | 30.0                            | 29.48                  | 112.72% | 0.161    | 0.181               | -   |
| GPRS1900 <1Dn2Up> | Left Edge     | 10               | 661     | 1880           | 4   | 30.0                            | 29.21                  | 119.95% | 0.167    | 0.200               | 028 |
| GPRS1900 <1Dn2Up> | Left Edge     | 10               | 810     | 1909.8         | 4   | 30.0                            | 29.44                  | 113.76% | 0.139    | 0.158               | -   |
| Band              | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |          | SAR over 1g<br>/kg) | ID  |
|                   |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured | Reported            |     |
| WCDMA Band II     | Front Surface | 10               | 9400    | 1880           | 4   | 25.0                            | 23.38                  | 145.21% | 0.190    | 0.276               | -   |
| WCDMA Band II     | Back Surface  | 10               | 9400    | 1880           | 4   | 25.0                            | 23.38                  | 145.21% | 0.132    | 0.192               | -   |
| WCDMA Band II     | Top Edge      | 10               | 9400    | 1880           | 4   | 25.0                            | 23.38                  | 145.21% | 0.221    | 0.321               | -   |
| WCDMA Band II     | Left Edge     | 10               | 9262    | 1852.4         | 4   | 25.0                            | 23.26                  | 149.28% | 0.229    | 0.342               | -   |
| WCDMA Band II     | Left Edge     | 10               | 9400    | 1880           | 4   | 25.0                            | 23.38                  | 145.21% | 0.243    | 0.353               | 029 |
| WCDMA Band II     | Left Edge     | 10               | 9538    | 1907.6         | 4   | 25.0                            | 23.32                  | 147.23% | 0.208    | 0.306               | -   |
|                   |               |                  |         |                |     |                                 |                        |         |          |                     |     |
| WCDMA Band IV     | Front Surface | 10               | 1312    | 1712.4         | 4   | 25.0                            | 23.56                  | 139.32% | 0.217    | 0.302               | -   |
| WCDMA Band IV     | Back Surface  | 10               | 1312    | 1712.4         | 4   | 25.0                            | 23.56                  | 139.32% | 0.134    | 0.187               | -   |
| WCDMA Band IV     | Top Edge      | 10               | 1312    | 1712.4         | 4   | 25.0                            | 23.56                  | 139.32% | 0.209    | 0.291               | -   |
| WCDMA Band IV     | Left Edge     | 10               | 1312    | 1712.4         | 4   | 25.0                            | 23.56                  | 139.32% | 0.228    | 0.318               | 030 |
| WCDMA Band IV     | Left Edge     | 10               | 1412    | 1732.4         | 4   | 25.0                            | 23.50                  | 141.25% | 0.207    | 0.292               | -   |
| WCDMA Band IV     | Left Edge     | 10               | 1513    | 1752.6         | 4   | 25.0                            | 23.35                  | 146.22% | 0.183    | 0.268               | -   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 498 of 939

#### Head Ant1 DSI1

| Head_Ant1_I                |  |            | RB         | pp.         |                          | Dietores         |         | Eron           |      | Max. Rated Avg.                 | Measured            |           | Averaged :     | SAR over 1g      |  |
|----------------------------|--|------------|------------|-------------|--------------------------|------------------|---------|----------------|------|---------------------------------|---------------------|-----------|----------------|------------------|--|
| Mode                       | Bandwidth<br>(MHz)                               | Modulation | RB<br>Size | RB<br>start | Position                 | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI  | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm) | Scaling   | (W<br>Measured | /kg)<br>Reported | ID   |
| LTE Band 2                 |  |            | 1          | 0           | Right Touch              | -                | 18700   | 1860           | 1/2  | 24.50                           | 23.61               | 122.74%   | 0.048          | 0.059            | -  |
| LTE Band 2                 | 1  |            | 50         | 50          | Right Touch              | -                | 18700   | 1860           | 1/2  | 23.50                           | 22.50               | 125.89%   | 0.036          | 0.045            | -  |
| LTE Band 2                 | 1  |            | 1          | 0           | Right Tilt               | -                | 18700   | 1860           | 1/2  | 24.50                           | 23.61               | 122.74%   | 0.018          | 0.022            | -  |
| LTE Band 2                 | 7  | 1          | 50         | 50          | Right Tilt               | -                | 18700   | 1860           | 1/2  | 23.50                           | 22.50               | 125.89%   | 0.013          | 0.016            | -  |
| LTE Band 2                 | 1  |            | 1          | 0           | Left Touch               | -                | 18700   | 1860           | 1/2  | 24.50                           | 23.61               | 122.74%   | 0.066          | 0.081            | 031  |
| LTE Band 2                 | 20MHz  | QPSK       | 50         | 50          | Left Touch               | -                | 18700   | 1860           | 1/2  | 23.50                           | 22.50               | 125.89%   | 0.051          | 0.064            | -  |
| LTE Band 2                 | 1  |            | 1          | 0           | Left Tilt                | -                | 18700   | 1860           | 1/2  | 24.50                           | 23.61               | 122.74%   | 0.021          | 0.026            | -  |
| LTE Band 2                 | 1  |            | 50         | 50          | Left Tilt                | -                | 18700   | 1860           | 1/2  | 23.50                           | 22.50               | 125.89%   | 0.016          | 0.020            | -  |
| LTE Band 2                 | 1  |            |            | ORB         | Left Tilt                | -                | 18700   | 1860           | 1/2  | 23.50                           | 22.49               | 126.18%   | 0.015          | 0.019            | -  |
| 2C                         | +  |            | 1          | 0           | Left Touch               | _                | 18700   | 1860           | 1/2  | 24.50                           | 22.51               | 158.12%   | 0.044          | 0.070            | t .  |
| 20                         |  |            |            | -           | Leit Todai               |                  | 10700   | 1000           | 1/2  | 24.30                           | 22.51               | 130.1270  | 0.044          | 0.070            | -  |
| LTE Band 4                 |  |            | 1          | 0           | Right Touch              | _                | 20300   | 1745           | 1/2  | 24.50                           | 22.98               | 141.91%   | 0.034          | 0.048            |  |
| LTE Band 4                 | +  |            | 50         | 0           | Right Touch              | -                | 20300   | 1745           | 1/2  | 23.50                           | 21.88               | 145.22%   | 0.028          | 0.041            | -  |
| LTE Band 4                 | ┪  |            | 1          | 0           | Right Tilt               | -                | 20300   | 1745           | 1/2  | 24.50                           | 22.98               | 141.91%   | 0.011          | 0.016            | -  |
| LTE Band 4                 | -  |            | 50         | 0           | Right Tilt               | -                | 20300   | 1745           | 1/2  | 23.50                           | 21.88               | 145.22%   | 0.008          | 0.012            |  |
| LTE Band 4                 | 20MHz  | QPSK       | 1          | 0           | Left Touch               |                  | 20300   | 1745           | 1/2  | 24.50                           | 22.98               | 141.91%   | 0.055          | 0.078            | 032  |
| LTE Band 4                 | -  |            | 50         | 0           | Left Touch               | -                | 20300   | 1745           | 1/2  | 23.50                           | 21.88               | 145.22%   | 0.033          | 0.070            | - 032  |
|                            | -  |            | 1          | 0           |                          | -                | 20300   | 1745           | 1/2  | 24.50                           |                     | 141.91%   | 0.048          | 0.076            | -  |
| LTE Band 4                 | -  |            |            |             | Left Tilt                |                  |         |                |      |                                 | 22.98               |           |                |                  |  |
| LTE Band 4                 | -  |            | 50         | 0           | Left Tilt                | -                | 20300   | 1745           | 1/2  | 23.50                           | 21.88               | 145.22%   | 0.015          | 0.022            | -  |
|                            |  |            |            | _           |                          |                  |         |                |      |                                 |                     |           |                |                  |  |
| LTE Band 5                 | 4  |            | 1          | 0           | Right Touch              | -                | 20600   | 844            | 1/2  | 24.50                           | 23.53               | 125.03%   | 0.080          | 0.100            | -  |
| LTE Band 5                 | 4  |            | 25         | 0           | Right Touch              | -                | 20600   | 844            | 1/2  | 23.50                           | 22.47               | 126.77%   | 0.062          | 0.079            | -  |
| LTE Band 5                 | 4  |            | 1          | 0           | Right Tilt               | -                | 20600   | 844            | 1/2  | 24.50                           | 23.53               | 125.03%   | 0.062          | 0.077            | -  |
| LTE Band 5                 | 10MHz  | QPSK       | 25         | 0           | Right Tilt               | -                | 20600   | 844            | 1/2  | 23.50                           | 22.47               | 126.77%   | 0.048          | 0.061            | -  |
| LTE Band 5                 | 10111112   |            | 1          | 0           | Left Touch               | -                | 20600   | 844            | 1/2  | 24.50                           | 23.53               | 125.03%   | 0.120          | 0.150            | 033  |
| LTE Band 5                 | 1  | 1          | 25         | 0           | Left Touch               | -                | 20600   | 844            | 1/2  | 23.50                           | 22.47               | 126.77%   | 0.095          | 0.120            | -  |
| LTE Band 5                 |  | 1          | 1          | 0           | Left Tilt                | -                | 20600   | 844            | 1/2  | 24.50                           | 23.53               | 125.03%   | 0.034          | 0.042            | -  |
| LTE Band 5                 |  |            | 25         | 0           | Left Tilt                | -                | 20600   | 844            | 1/2  | 23.50                           | 22.47               | 126.77%   | 0.027          | 0.034            | -  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           |                |                  |  |
| LTE Band 12                |  |            | 1          | 0           | Right Touch              | -                | 23060   | 704            | 1/2  | 24.50                           | 23.12               | 137.40%   | 0.037          | 0.051            | -  |
| LTE Band 12                | 7  | 1          | 25         | 12          | Right Touch              | -                | 23060   | 704            | 1/2  | 23.50                           | 22.06               | 139.32%   | 0.029          | 0.040            | -  |
| LTE Band 12                | 1  | 1          | 1          | 0           | Right Tilt               | -                | 23060   | 704            | 1/2  | 24.50                           | 23.12               | 137.40%   | 0.032          | 0.044            | -  |
| LTE Band 12                | 1  |            | 25         | 25          | Right Tilt               | -                | 23060   | 704            | 1/2  | 23.50                           | 22.06               | 139.32%   | 0.025          | 0.035            | -  |
| LTE Band 12                | 10MHz  | QPSK       | 1          | 0           | Left Touch               | -                | 23060   | 704            | 1/2  | 24.50                           | 23.12               | 137.40%   | 0.067          | 0.092            | 034  |
| LTE Band 12                |  |            | 25         | 25          | Left Touch               | -                | 23060   | 704            | 1/2  | 23.50                           | 22.06               | 139.32%   | 0.052          | 0.072            | -  |
| LTE Band 12                | 1  |            | 1          | 0           | Left Tilt                | -                | 23060   | 704            | 1/2  | 24.50                           | 23.12               | 137.40%   | 0.011          | 0.016            | -  |
| LTE Band 12                | 1  |            | 25         | 25          | Left Tilt                | -                | 23060   | 704            | 1/2  | 23.50                           | 22.06               | 139.32%   | 0.008          | 0.011            |  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           |                |                  | <del>                                     </del> |
| LTE Band 17                |  |            | 1          | 0           | Right Touch              | -                | 23800   | 711            | 1/2  | 24.50                           | 22.95               | 142.89%   | 0.034          | 0.049            |  |
| LTE Band 17                | 1  |            | 25         | 25          | Right Touch              | -                | 23800   | 711            | 1/2  | 23.50                           | 21.87               | 145.55%   | 0.029          | 0.042            | -  |
| LTE Band 17                | -  |            | 1          | 0           | Right Tilt               | -                | 23800   | 711            | 1/2  | 24.50                           | 22.95               | 142.89%   | 0.023          | 0.052            | -  |
| LTE Band 17                | -  |            | 25         | 50          |                          | -                | 23800   | 711            | 1/2  | 23.50                           | 21.87               | 145.55%   | 0.037          | 0.032            | -  |
| LTE Band 17                | 10MHz  | QPSK       | 1          | 0           | Right Tilt<br>Left Touch | -                | 23800   | 711            | 1/2  | 24.50                           | 22.95               | 142.89%   | 0.030          | 0.101            | 035  |
| LTE Band 17                | -  |            | 25         | 50          | Left Touch               | -                | 23800   | 711            | 1/2  | 23.50                           | 21.87               | 145.55%   | 0.071          | 0.080            |  |
| LTE Band 17                | 4  |            | 1          | 0           | Left Touch               | -                | 23800   | 711            |      | 23.50                           | 22.95               | 142.89%   | 0.055          | 0.080            | -  |
|                            | _  |            |            |             |                          | -                |         |                | 1/2  |                                 | 22.95               |           | 0.011          |                  | -  |
| LTE Band 17                |  |            | 25         | 50          | Left Tilt                | -                | 23800   | 711            | 1/2  | 23.50                           | 21.87               | 145.55%   | 0.009          | 0.013            | -  |
|                            |  |            |            | _           |                          |                  |         |                | 110  |                                 |                     |           |                |                  |  |
| LTE Band 25                |  |            | 1          | 0           | Right Touch              | -                | 26140   | 1860           | 1/2  | 24.50                           | 23.75               | 118.85%   | 0.041          | 0.049            | -  |
| LTE Band 25                |  |            | 50         | 25          | Right Touch              | -                | 26140   | 1860           | 1/2  | 23.50                           | 22.60               | 123.03%   | 0.035          | 0.043            | -  |
| LTE Band 25                | _  |            | 1          | 0           | Right Tilt               | -                | 26140   | 1860           | 1/2  | 24.50                           | 23.75               | 118.85%   | 0.015          | 0.018            | -  |
| LTE Band 25                | 20MHz  | QPSK       | 50         | 25          | Right Tilt               | -                | 26140   | 1860           | 1/2  | 23.50                           | 22.60               | 123.03%   | 0.011          | 0.014            | -  |
| LTE Band 25                |  |            | 1          | 0           | Left Touch               | -                | 26140   | 1860           | 1/2  | 24.50                           | 23.75               | 118.85%   | 0.061          | 0.072            | 036  |
| LTE Band 25                | _  |            | 50         | 25          | Left Touch               | -                | 26140   | 1860           | 1/2  | 23.50                           | 22.60               | 123.03%   | 0.048          | 0.059            | -  |
| LTE Band 25                |  |            | 1          | 0           | Left Tilt                | -                | 26140   | 1860           | 1/2  | 24.50                           | 23.75               | 118.85%   | 0.020          | 0.024            | -  |
| LTE Band 25                |  |            | 50         | 25          | Left Tilt                | -                | 26140   | 1860           | 1/2  | 23.50                           | 22.60               | 123.03%   | 0.015          | 0.018            | -  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           |                |                  |  |
| LTE Band 26                |  |            | 1          | 0           | Right Touch              | -                | 26765   | 821.5          | 1/2  | 24.50                           | 23.31               | 131.52%   | 0.100          | 0.132            | -  |
| LTE Band 26                | 1  | 1          | 36         | 18          | Right Touch              | -                | 26865   | 831.5          | 1/2  | 23.50                           | 22.20               | 134.90%   | 0.077          | 0.104            | -  |
| LTE Band 26                | _  | 1          | 1          | 0           | Right Tilt               | -                | 26765   | 821.5          | 1/2  | 24.50                           | 23.31               | 131.52%   | 0.069          | 0.091            | -  |
| LTE Band 26                | 15MHz  | QPSK       | 36         | 25          | Right Tilt               | -                | 26865   | 831.5          | 1/2  | 23.50                           | 22.20               | 134.90%   | 0.053          | 0.071            | -  |
| LTE Band 26                | ISIVIFIZ   | MI.OV      | 1          | 0           | Left Touch               | -                | 26765   | 821.5          | 1/2  | 24.50                           | 23.31               | 131.52%   | 0.103          | 0.135            | 037  |
| LTE Band 26                |  | 1          | 36         | 25          | Left Touch               | -                | 26865   | 831.5          | 1/2  | 23.50                           | 22.20               | 134.90%   | 0.081          | 0.109            | -  |
| LTE Band 26                | 1  |            | 1          | 0           | Left Tilt                | -                | 26765   | 821.5          | 1/2  | 22.00                           | 23.31               | 73.96%    | 0.048          | 0.036            | -  |
| LTE Band 26                |  |            | 36         | 25          | Left Tilt                | -                | 26865   | 831.5          | 1/2  | 23.50                           | 22.20               | 134.90%   | 0.037          | 0.050            | -  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           |                |                  |  |
| LTE Band 30                | 1  |            | 1          | 0           | Right Touch              | -                | 27710   | 2310           | 1/2  | 24.50                           | 22.65               | 153.11%   | 0.051          | 0.078            | -  |
| LTE Band 30                | 1  | 1          | 25         | 12          | Right Touch              | -                | 27710   | 2310           | 1/2  | 23.50                           | 21.70               | 151.36%   | 0.038          | 0.058            |  |
| LTE Band 30                |  | 1          | 1          | 0           | Right Tilt               | -                | 27710   | 2310           | 1/2  | 24.50                           | 22.65               | 153.11%   | 0.018          | 0.028            | -  |
| LTE Band 30                | 40   | 0000       | 25         | 25          | Right Tilt               | -                | 27710   | 2310           | 1/2  | 23.50                           | 21.70               | 151.36%   | 0.014          | 0.021            | -  |
| LTE Band 30                | 10MHz  | QPSK       | 1          | 0           | Left Touch               | -                | 27710   | 2310           | 1/2  | 24.50                           | 22.65               | 153.11%   | 0.059          | 0.090            | 038  |
| LTE Band 30                | 1  |            | 25         | 25          | Left Touch               | -                | 27710   | 2310           | 1/2  | 23.50                           | 21.70               | 151.36%   | 0.046          | 0.070            | -  |
| LTE Band 30                | 1  | 1          | 1          | 0           | Left Tilt                | -                | 27710   | 2310           | 1/2  | 24.50                           | 22.65               | 153.11%   | 0.021          | 0.032            | -  |
| LTE Band 30                | 1  | 1          | 25         | 25          | Left Tilt                | -                | 27710   | 2310           | 1/2  | 23.50                           | 21.70               | 151.36%   | 0.014          | 0.021            | -  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           | 1              | 1                |  |
| LTE Band 66                | <del>                                     </del> |            | 1          | 0           | Right Touch              | -                | 132572  | 1770           | 1/2  | 24.50                           | 23.03               | 140.28%   | 0.041          | 0.058            | -  |
| LTE Band 66                | +  | 1          | 50         | 0           | Right Touch              |                  | 132572  | 1770           | 1/2  | 23.50                           | 21.96               | 142.56%   | 0.032          | 0.036            |  |
|                            | +  | 1          |            |             |                          | -                |         |                |      |                                 |                     |           |                |                  | -  |
| LTE Band 66                | 4  | 1          | 1 50       | 0           | Right Tilt               | -                | 132572  | 1770           | 1/2  | 24.50                           | 23.03               | 140.28%   | 0.017          | 0.024            | -  |
| LTE Band 66                | 20MHz  | QPSK       | 50         | 0           | Right Tilt               | -                | 132572  | 1770           | 1/2  | 23.50                           | 21.96               | 142.56%   | 0.013          | 0.019            | -  |
| LTE Band 66                | 4  |            | 1          | 0           | Left Touch               | -                | 132572  | 1770           | 1/2  | 24.50                           | 23.03               | 140.28%   | 0.067          | 0.094            | 039  |
| LTE Band 66                | 4  | 1          | 50         | 0           | Left Touch               | -                | 132572  | 1770           | 1/2  | 23.50                           | 21.96               | 142.56%   | 0.048          | 0.068            | -  |
| LTE Band 66                | 1  | 1          | 1          | 0           | Left Tilt                | -                | 132572  | 1770           | 1/2  | 24.50                           | 23.03               | 140.28%   | 0.024          | 0.034            | -  |
| LTE Band 66                |  |            | 50         | 0           | Left Tilt                | -                | 132572  | 1770           | 1/2  | 23.50                           | 21.96               | 142.56%   | 0.019          | 0.027            | -  |
|                            |  |            |            |             |                          |                  |         |                |      |                                 |                     |           | 1              |                  |  |
| LTE Band 71                | _  |            | 1          | 0           | Right Touch              | -                | 133222  | 673            | 1/2  | 24.50                           | 23.78               | 118.03%   | 0.031          | 0.036            | -  |
| LTE Band 71                |  | 1          | 50         | 25          | Right Touch              | -                | 133222  | 673            | 1/2  | 23.50                           | 22.73               | 119.40%   | 0.024          | 0.029            | -  |
| LTE Band 71                |  | 1          | 1          | 0           | Right Tilt               | -                | 133222  | 673            | 1/2  | 24.50                           | 23.78               | 118.03%   | 0.025          | 0.030            | -  |
| LTE Band 71                |  |            | 50         | 25          | Right Tilt               | -                | 133222  | 673            | 1/2  | 23.50                           | 22.73               | 119.40%   | 0.019          | 0.023            | -  |
| LTE Band 71                | 20MHz  | QPSK       | 1          | 0           | Left Touch               | -                | 133222  | 673            | 1/2  | 24.50                           | 23.78               | 118.03%   | 0.067          | 0.079            | 040  |
| LTE Band 71                | 1  | 1          | 50         | 25          | Left Touch               | -                | 133222  | 673            | 1/2  | 23.50                           | 22.73               | 119.40%   | 0.052          | 0.062            | -  |
|                            | †  | 1          | 1          | 0           | Left Tilt                | -                | 133222  | 673            | 1/2  | 24.50                           | 23.78               | 118.03%   | 0.032          | 0.032            | -  |
| I TE Band 71               |  |            |            |             |                          |                  | 100222  | 0/0            | 1 "2 | 24.50                           | 20.70               | 1 10.0070 | 0.021          | 0.002            |  |
| LTE Band 71<br>LTE Band 71 | 1  |            | 50         | 25          | Left Tilt                | -                | 133222  | 673            | 1/2  | 23.50                           | 22.73               | 119.40%   | 0.021          | 0.025            | -  |

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Page: 499 of 939

| Mode   | Bandwidth | Modulation             | RB   | RB        | Position               | Distance | Channel    | Freq.      | DSI    | Max. Rated Avg.<br>Power + Max | Measured<br>Avg. Power | Scaling            | Averaged S | SAR over 1g | ID          |
|--------|-----------|------------------------|------|-----------|------------------------|----------|------------|------------|--------|--------------------------------|------------------------|--------------------|------------|-------------|-------------|
| Wode   | (MHz)     | Wodulation             | Size | start     | POSITION               | (mm)     | Citatillei | (MHz)      | Doi    | Tolerance (dBm)                | (dBm)                  | Scaling            | Measured   | Reported    | 1 "         |
| NR n2  |           |                        | 1    | 1         | Right Touch            | -        | 376000     | 1880       | 1/2    | 24.50                          | 22.93                  | 143.55%            | 0.039      | 0.055       | -           |
| NR n2  | 1         |                        | 50   | 28        | Right Touch            | -        | 380000     | 1900       | 1/2    | 24.50                          | 22.85                  | 146.22%            | 0.032      | 0.047       | -           |
| NR n2  | 1         |                        | 1    | 1         | Right Tilt             | -        | 376000     | 1880       | 1/2    | 24.50                          | 22.93                  | 143.55%            | 0.017      | 0.024       | -           |
| NR n2  | 1         | SCS 15kHz              | 50   | 28        | Right Tilt             | -        | 380000     | 1900       | 1/2    | 24.50                          | 22.85                  | 146.22%            | 0.015      | 0.022       | -           |
| NR n2  | 20MHz     | Pi/2 BPSK              | 1    | 1         | Left Touch             | -        | 376000     | 1880       | 1/2    | 24.50                          | 22.93                  | 143.55%            | 0.091      | 0.130       | 041         |
| NR n2  | 1         |                        | 50   | 28        | Left Touch             | -        | 380000     | 1900       | 1/2    | 24.50                          | 22.85                  | 146.22%            | 0.082      | 0.120       | -           |
| NR n2  | 1         |                        | 1    | 1         | Left Tilt              | -        | 376000     | 1880       | 1/2    | 24.50                          | 22.93                  | 143.55%            | 0.051      | 0.073       | -           |
| NR n2  | †         |                        | 50   | 28        | Left Tilt              | -        | 380000     | 1900       | 1/2    | 24.50                          | 22.85                  | 146.22%            | 0.044      | 0.064       | -           |
|        | l         |                        |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |
| NR n5  | l         |                        | 1    | 1         | Right Touch            | -        | 167800     | 839        | 1/2    | 24.50                          | 23.45                  | 127.35%            | 0.091      | 0.116       | -           |
| NR n5  | 1         |                        | 50   | 28        | Right Touch            | _        | 167800     | 839        | 1/2    | 24.50                          | 23.27                  | 132.74%            | 0.085      | 0.113       | -           |
| NR n5  | ┪         |                        | 1    | 1         | Right Tilt             | -        | 167800     | 839        | 1/2    | 24.50                          | 23.45                  | 127.35%            | 0.048      | 0.061       | -           |
| NR n5  | 4         |                        | 50   | 28        | Right Tilt             |          | 167800     | 839        | 1/2    | 24.50                          | 23.27                  | 132.74%            | 0.042      | 0.056       | <del></del> |
|        | 20MHz     | SCS 15kHz<br>Pi/2 BPSK |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |
| NR n5  | 4         | T DZ DI OK             | 50   | 1         | Left Touch             | -        | 167800     | 839<br>839 | 1/2    | 24.50                          | 23.45                  | 127.35%            | 0.141      | 0.180       | 042         |
| NR n5  | 4         |                        |      | 28        | Left Touch             | -        | 167800     |            | 1/2    | 24.50                          |                        | 132.74%            | 0.135      | 0.179       | -           |
| NR n5  | 1         |                        | 1    | 1         | Left Tilt              | -        | 167800     | 839        | 1/2    | 24.50                          | 23.45                  | 127.35%            | 0.069      | 0.088       | -           |
| NR n5  |           |                        | 50   | 28        | Left Tilt              |          | 167800     | 839        | 1/2    | 24.50                          | 23.27                  | 132.74%            | 0.062      | 0.082       | -           |
|        |           |                        |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |
| NR n12 | 1         | 1                      | 1    | 1         | Right Touch            | -        | 141300     | 706.5      | 1/2    | 24.50                          | 23.08                  | 138.68%            | 0.035      | 0.049       | -           |
| NR n12 | _         | I                      | 36   | 22        | Right Touch            | -        | 141300     | 706.5      | 1/2    | 24.50                          | 22.94                  | 143.22%            | 0.032      | 0.046       | -           |
| NR n12 | 1         |                        | 1    | 1         | Right Tilt             | -        | 141300     | 706.5      | 1/2    | 24.50                          | 23.08                  | 138.68%            | 0.018      | 0.025       | -           |
| NR n12 | 1         |                        | 36   | 22        | Right Tilt             | -        | 141300     | 706.5      | 1/2    | 24.50                          | 22.94                  | 143.22%            | 0.016      | 0.023       | -           |
| NR n12 | 15MHz     | SCS 15kHz<br>Pi/2 BPSK | 1    | 1         | Left Touch             | -        | 141300     | 706.5      | 1/2    | 24.50                          | 23.08                  | 138.68%            | 0.054      | 0.075       | 043         |
| NR n12 | 1         | PI/2 BPSK              | 36   | 22        | Left Touch             | -        | 141300     | 706.5      | 1/2    | 24.50                          | 22.94                  | 143.22%            | 0.051      | 0.073       | -           |
| NR n12 | †         |                        | 1    | 1         | Left Tilt              | -        | 141300     | 706.5      | 1/2    | 24.50                          | 23.08                  | 138.68%            | 0.031      | 0.043       | -           |
| NR n12 | , [       | 36                     | 22   | Left Tilt | -                      | 141300   | 706.5      | 1/2        | 24.50  | 22.94                          | 143.22%                | 0.028              | 0.040      | -           |             |
| NR n12 | 1         |                        | 75   | 0         | Left Tilt              | -        | 141300     | 706.5      | 1      | 24.00                          | 22.58                  | 138.68%            | 0.023      | 0.032       | -           |
| INCHIZ | 1         |                        | 75   | •         | Loit Till              | -        | 141300     | 700.5      |        | 24.00                          | 22.50                  | 130.0070           | 0.023      | 0.002       | <del></del> |
| NR n25 |           |                        | 1    | 1         | Right Touch            | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.97                  | 142.23%            | 0.032      | 0.046       | -           |
|        | 4         |                        |      |           | -                      | -        |            |            |        |                                |                        |                    |            |             | <del></del> |
| NR n25 | 1         |                        | 108  | 54        | Right Touch            |          | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.91                  | 144.21%            | 0.024      | 0.035       | -           |
| NR n25 | 1         |                        | 1    | 1         | Right Tilt             | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.97                  | 142.23%            | 0.015      | 0.021       | -           |
| NR n25 | 40MHz     | SCS 15kHz              | 108  | 54        | Right Tilt             | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.91                  | 144.21%            | 0.011      | 0.016       | -           |
| NR n25 | 1         | Pi/2 BPSK              | 1    | 1         | Left Touch             | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.97                  | 142.23%            | 0.085      | 0.121       | 044         |
| NR n25 | ]         |                        | 108  | 54        | Left Touch             | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.91                  | 144.21%            | 0.080      | 0.115       | -           |
| NR n25 | _         |                        | 1    | 1         | Left Tilt              | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.97                  | 142.23%            | 0.051      | 0.073       | -           |
| NR n25 |           |                        | 108  | 54        | Left Tilt              | -        | 376500     | 1882.5     | 1882.5 | 24.50                          | 22.91                  | 144.21%            | 0.017      | 0.025       | -           |
|        |           |                        |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |
| NR n66 |           |                        | 1    | 1         | Right Touch            | -        | 352000     | 1760       | 1/2    | 24.50                          | 22.92                  | 143.88%            | 0.074      | 0.106       | -           |
| NR n66 | 1         |                        | 108  | 54        | Right Touch            | -        | 349000     | 1745       | 1/2    | 24.50                          | 22.79                  | 148.25%            | 0.070      | 0.104       | -           |
| NR n66 | 1         |                        | 216  | 0         | Right Touch            | -        | 349000     | 1745       | 1/2    | 24.00                          | 22.41                  | 144.21%            | 0.065      | 0.094       | -           |
| NR n66 | †         |                        | 1    | 1         | Right Tilt             |          | 352000     | 1760       | 1/2    | 24.50                          | 22.92                  | 143.88%            | 0.022      | 0.032       |             |
| NR n66 | 1         | 1                      | 108  | 54        | Right Tilt             | -        | 349000     | 1745       | 1/2    | 24.50                          | 22.79                  | 148.25%            | 0.019      | 0.028       | -           |
| NR n66 | 1         | 1                      | 216  | 0         | Right Tilt             |          | 349000     | 1745       | 1/2    | 24.00                          | 22.41                  | 144.21%            | 0.015      | 0.028       |             |
|        | 40MHz     | SCS 15kHz              |      | 1         |                        |          |            |            |        |                                |                        |                    |            |             | <del></del> |
| NR n66 | 4UIVIT12  | Pi/2 BPSK              | 1    |           | Left Touch             | -        | 346000     | 1730       | 1/2    | 24.50                          | 22.84                  | 146.55%            | 0.084      | 0.123       | -           |
| NR n66 | 4         | 1                      | 1    | 1         | Left Touch             | -        | 352000     | 1760       | 1/2    | 24.50                          | 22.92                  | 143.88%            | 0.100      | 0.144       | 045         |
| NR n66 | 4         | 1                      | 108  | 54        | Left Touch             | -        | 349000     | 1745       | 1/2    | 24.50                          | 22.79                  | 148.25%            | 0.096      | 0.142       | <del></del> |
| NR n66 | 4         | 1                      | 216  | 0         | Left Touch             | -        | 349000     | 1745       | 1/2    | 24.00                          | 22.41                  | 144.21%            | 0.086      | 0.124       | <b>-</b>    |
| NR n66 | 1         | 1                      | 1    | 1         | Left Tilt              | -        | 352000     | 1760       | 1/2    | 24.50                          | 22.92                  | 143.88%            | 0.031      | 0.045       | -           |
| NR n66 | _         |                        | 108  | 54        | Left Tilt              | -        | 349000     | 1745       | 1/2    | 24.50                          | 22.79                  | 148.25%            | 0.027      | 0.040       | -           |
| NR n66 |           |                        | 216  | 0         | Left Tilt              | -        | 349000     | 1745       | 1      | 24.00                          | 22.41                  | 144.21%            | 0.022      | 0.032       |             |
|        |           |                        |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |
| NR n71 | 1         |                        | 1    | 1         | Right Touch            | -        | 135600     | 678        | 1/2    | 24.50                          | 23.68                  | 120.78%            | 0.035      | 0.042       | -           |
| NR n71 | 1         | 1                      | 80   | 40        | Right Touch            | -        | 135600     | 678        | 1/2    | 24.50                          | 23.53                  | 125.03%            | 0.031      | 0.039       |             |
| NR n71 | 1         | I                      | 1    | 1         | Right Tilt             | -        | 135600     | 678        | 1/2    | 24.50                          | 23.68                  | 120.78%            | 0.011      | 0.013       | -           |
| NR n71 | 1         | SCS 15kHz              | 80   | 40        | Right Tilt             | -        | 135600     | 678        | 1/2    | 24.50                          | 23.53                  | 125.03%            | 0.009      | 0.011       | -           |
| NR n71 | 30MHz     | Pi/2 BPSK              | 1    | 1         | Left Touch             | t        | 135600     | 678        | 1/2    | 24.50                          | 23.68                  | 120.78%            | 0.067      | 0.081       | 046         |
| NR n71 | 1         | 1                      | 80   | 40        | Left Touch             | 1 - 1    | 135600     | 678        | 1/2    | 24.50                          | 23.53                  | 125.03%            | 0.067      | 0.081       | 040         |
| NR n71 | +         | 1                      | 1    | 40        | Left Tilt              | + -      | 135600     |            | 1/2    | 24.50                          | 23.53                  |                    |            | 0.078       | <u>+-</u> - |
|        | 4         | 1                      | 80   | 40        | Left Tilt<br>Left Tilt | -        | 135600     | 678<br>678 | 1/2    | 24.50<br>24.50                 | 23.68                  | 120.78%<br>125.03% | 0.026      | 0.031       | -           |
| NR n71 |           |                        |      |           |                        |          |            |            |        |                                |                        |                    |            |             |             |

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Page: 500 of 939

# Head Ant2 DSI1

|  | <u> 2_DSI1</u>     |            |  |  |  |                            |  |  |  |  |   |   |  |  |           |
|--|--------------------|------------|--|--|--|----------------------------|--|--|--|--|---|---|--|--|-----------|
| Mode   | Bandwidth<br>(MHz) | Modulation | RB<br>Size   | RB<br>start  | Position   | Distance<br>(mm)           | Channel  | Freq.<br>(MHz)   | DSI  | Max. Rated Avg.<br>Power + Max.  | Measured<br>Avg. Power  | Scaling   | (W   | AR over 1g<br>/kg)   | ID        |
|  | (IVII IZ)          |            | OIZ6   |  |  | (11111)                    |  |  |  | Tolerance (dBm)  | (dBm)   |   | Measured   | Reported   |           |
| LTE Band 2<br>LTE Band 2   |                    |            | 50   | 0<br>25  | Right Touch  | -                          | 19100<br>19100   | 1900<br>1860   | 1/2  | 24.50<br>23.50   | 22.88<br>21.76  | 145.21%<br>149.28%  | 0.168<br>0.125   | 0.244  | 047       |
| LTE Band 2   |                    |            | 1  | 0  | Right Touch<br>Right Tilt  | -                          | 19100  | 1900   | 1/2  | 24.50  | 22.88   | 149.28%   | 0.125  | 0.187  | -         |
| LTE Band 2   |                    |            | 50   | 25   | Right Tilt   | -                          | 19100  | 1860   | 1/2  | 23.50  | 21.76   | 149.28%   | 0.040  | 0.048  | -         |
| LTE Band 2   | 20MHz              | QPSK       | 1  | 0  | Left Touch   | -                          | 19100  | 1900   | 1/2  | 24.50  | 22.88   | 145.21%   | 0.032  | 0.104  |           |
| LTE Band 2   | 2011112            | Q. O.      | 50   | 25   | Left Touch   |                            | 19100  | 1860   | 1/2  | 23.50  | 21.76   | 149.28%   | 0.053  | 0.079  | -         |
| LTE Band 2   |                    |            | 1  | 0  | Left Tilt  | -                          | 19100  | 1900   | 1/2  | 24.50  | 22.88   | 145.21%   | 0.043  | 0.063  | -         |
| LTE Band 2   |                    |            | 50   | 25   | Left Tilt  | -                          | 19100  | 1860   | 1/2  | 23.50  | 21.76   | 149.28%   | 0.035  | 0.052  | -         |
| 2C   |                    |            | 1  | 0  | Right Touch  | -                          | 19100  | 1900   | 1/2  | 24.50  | 22.77   | 148.94%   | 0.128  | 0.191  | -         |
| -  |                    |            |  |  | , ,  |                            |  |  |  |  |   |   |  |  |           |
| LTE Band 4   |                    |            | 1  | 0  | Right Touch  | -                          | 20175  | 1732.5   | 1/2  | 24.50  | 23.53   | 125.03%   | 0.116  | 0.145  | 048       |
| LTE Band 4   |                    |            | 50   | 0  | Right Touch  | -                          | 20175  | 1732.5   | 1/2  | 23.50  | 22.41   | 128.53%   | 0.088  | 0.113  | -         |
| LTE Band 4   |                    |            | 1  | 0  | Right Tilt   | -                          | 20175  | 1732.5   | 1/2  | 24.50  | 23.53   | 125.03%   | 0.031  | 0.038  | -         |
| LTE Band 4   |                    |            | 50   | 0  | Right Tilt   | -                          | 20175  | 1732.5   | 1/2  | 23.50  | 22.41   | 128.53%   | 0.023  | 0.030  | -         |
| LTE Band 4   | 20MHz              | QPSK       | 1  | 0  | Left Touch   | -                          | 20175  | 1732.5   | 1/2  | 24.50  | 23.53   | 125.03%   | 0.062  | 0.078  | -         |
| LTE Band 4   |                    |            | 50   | 0  | Left Touch   | -                          | 20175  | 1732.5   | 1/2  | 23.50  | 22.41   | 128.53%   | 0.047  | 0.060  | -         |
| LTE Band 4   |                    |            | 1  | 0  | Left Tilt  | -                          | 20175  | 1732.5   | 1/2  | 24.50  | 23.53   | 125.03%   | 0.031  | 0.038  | -         |
| LTE Band 4   |                    |            | 50   | 0  | Left Tilt  | -                          | 20175  | 1732.5   | 1/2  | 23.50  | 22.41   | 128.53%   | 0.023  | 0.030  | -         |
|  |                    |            |  |  |  |                            |  |  |  |  |   |   |  |  |           |
| LTE Band 7   |                    |            | 1  | 0  | Right Touch  | -                          | 20850  | 2510   | 1/2  | 24.50  | 23.73   | 119.40%   | 0.116  | 0.139  | 049       |
| LTE Band 7   |                    |            | 50   | 50   | Right Touch  | -                          | 20850  | 2510   | 1/2  | 23.50  | 22.63   | 122.18%   | 0.089  | 0.109  |           |
| LTE Band 7   |                    |            | 1  | 0  | Right Tilt   | -                          | 20850  | 2510   | 1/2  | 24.50  | 23.73   | 119.40%   | 0.034  | 0.041  | -         |
| LTE Band 7   |                    |            | 50   | 50   | Right Tilt   | -                          | 20850  | 2510   | 1/2  | 23.50  | 22.63   | 122.18%   | 0.026  | 0.032  | -         |
| LTE Band 7   | 20MHz              | QPSK       | 1  | 0  | Left Touch   | -                          | 20850  | 2510   | 1/2  | 24.50  | 23.73   | 119.40%   | 0.075  | 0.089  |           |
| LTE Band 7   |                    |            | 50   | 50   | Left Touch   | -                          | 20850  | 2510   | 1/2  | 23.50  | 22.63   | 122.18%   | 0.057  | 0.070  | -         |
| LTE Band 7   |                    |            | 1  | 0  | Left Tilt  | -                          | 20850  | 2510   | 1/2  | 24.50  | 23.73   | 119.40%   | 0.065  | 0.077  | -         |
| LTE Band 7   |                    |            | 50   | 50   | Left Tilt  | -                          | 20850  | 2510   | 1/2  | 23.50  | 22.63   | 122.18%   | 0.049  | 0.060  | -         |
| 7C   |                    |            | 1  | 0  | Right Touch  | -                          | 20850  | 2510   | 1/2  | 24.50  | 23.50   | 125.89%   | 0.102  | 0.128  | -         |
|  |                    |            |  |  |  |                            |  |  |  |  |   |   |  |  |           |
| LTE Band 25  |                    |            | 1  | 0  | Right Touch  | -                          | 26590  | 1905   | 1/2  | 24.50  | 23.02   | 140.60%   | 0.158  | 0.222  | 050       |
| LTE Band 25  |                    |            | 50   | 25   | Right Touch  | -                          | 26590  | 1905   | 1/2  | 23.50  | 21.91   | 144.21%   | 0.120  | 0.173  | -         |
| LTE Band 25  |                    |            | 1  | 0  | Right Tilt   | -                          | 26590  | 1905   | 1/2  | 24.50  | 23.02   | 140.60%   | 0.040  | 0.056  | -         |
| LTE Band 25  | 20MHz              | QPSK       | 50   | 25   | Right Tilt   | -                          | 26590  | 1905   | 1/2  | 23.50  | 21.91   | 144.21%   | 0.030  | 0.043  | -         |
| LTE Band 25  | 2000               | Q, O,      | 1  | 0  | Left Touch   | -                          | 26590  | 1905   | 1/2  | 24.50  | 23.02   | 140.60%   | 0.066  | 0.093  | -         |
| LTE Band 25  |                    |            | 50   | 25   | Left Touch   | -                          | 26590  | 1905   | 1/2  | 23.50  | 21.91   | 144.21%   | 0.050  | 0.072  | -         |
| LTE Band 25  |                    |            | 1  | 0  | Left Tilt  | -                          | 26590  | 1905   | 1/2  | 24.50  | 23.02   | 140.60%   | 0.046  | 0.064  | -         |
| LTE Band 25  |                    |            | 50   | 25   | Left Tilt  | -                          | 26590  | 1905   | 1/2  | 23.50  | 21.91   | 144.21%   | 0.035  | 0.050  | -         |
|  |                    |            |  |  |  |                            |  |  |  |  |   |   |  |  |           |
| LTE Band 30  |                    |            | 1  | 0  | Right Touch  | -                          | 27710  | 2310   | 1/2  | 24.50  | 23.43   | 127.94%   | 0.098  | 0.125  | 051       |
| LTE Band 30  |                    |            | 25   | 12   | Right Touch  | -                          | 27710  | 2310   | 1/2  | 23.50  | 22.28   | 132.43%   | 0.075  | 0.099  | -         |
| LTE Band 30  |                    |            | 1  | 0  | Right Tilt   | -                          | 27710  | 2310   | 1/2  | 24.50  | 23.43   | 127.94%   | 0.039  | 0.050  | -         |
| LTE Band 30  | 10MHz              | QPSK       | 25   | 25   | Right Tilt   | -                          | 27710  | 2310   | 1/2  | 23.50  | 22.28   | 132.43%   | 0.029  | 0.038  | -         |
| LTE Band 30  |                    |            | 1  | 0  | Left Touch   | -                          | 27710  | 2310   | 1/2  | 24.50  | 23.43   | 127.94%   | 0.062  | 0.079  | -         |
| LTE Band 30  |                    |            | 25   | 25   | Left Touch   | -                          | 27710  | 2310   | 1/2  | 23.50  | 22.28   | 132.43%   | 0.043  | 0.057  | -         |
| LTE Band 30  |                    |            | 1  | 0  | Left Tilt  | -                          | 27710  | 2310   | 1/2  | 24.50  | 23.43   | 127.94%   | 0.044  | 0.056  | -         |
| LTE Band 30  |                    |            | 25   | 25   | Left Tilt  | -                          | 27710  | 2310   | 1/2  | 23.50  | 22.28   | 132.43%   | 0.033  | 0.044  | -         |
| LTF D100   |                    |            |  | _  | Dieta Terret   | -                          | 400070   | 4700   | 4/0  | 24.50  | 00.44   | 400 770/  | 0.440  | 0.450  | 050       |
| LTE Band 66<br>LTE Band 66   |                    |            | 50   | 0  | Right Touch  | -                          | 132072<br>132072   | 1720<br>1720   | 1/2  | 24.50  | 23.14   | 136.77%<br>140.28%  | 0.112  | 0.153<br>0.121   | 052       |
| LTE Band 66  |                    |            | 1  | 0  | Right Touch<br>Right Tilt  | -                          | 132072   | 1720   | 1/2  | 23.50  | 23.14   | 136.77%   | 0.086  | 0.121  | -         |
| LTE Band 66  |                    |            | 50   | 0  |  | -                          | 132072   | 1720   | 1/2  | 24.50  | 23.14   | 140.28%   | 0.029  | 0.039  | -         |
| LTE Band 66  | 20MHz              | QPSK       | 1  | 0  | Right Tilt<br>Left Touch   | -                          | 132072   | 1720   | 1/2  | 24.50  | 23.14   | 136.77%   | 0.022  | 0.080  | -         |
| LTE Band 66  |                    |            | 50   | 0  | Left Touch   | -                          | 132072   | 1720   | 1/2  | 23.50  | 22.03   | 140.28%   | 0.035  | 0.063  | 1 -       |
| LTE Band 66  |                    |            | 1  | 0  | Left Tilt  | -                          | 132072   | 1720   | 1/2  | 24.50  | 23.14   | 136.77%   | 0.019  | 0.026  |           |
| LTE Band 66  |                    |            | 50   | 0  | Left Tilt  | -                          | 132072   | 1720   | 1/2  | 23.50  | 22.03   | 140.28%   | 0.019  | 0.020  | -         |
|  |                    | <b>1</b>   | - 50   |  |  |                            |  |  |  |  |   |   | 2.314  |  | <b> </b>  |
| LTE Band 38  |                    | <b>1</b>   | 1  | 0  | Right Touch  | -                          | 38150  | 2610   | 1/2  | 24.50  | 23.62   | 122.46%   | 0.073  | 0.089  | 053       |
| LTE Band 38  |                    |            | 50   | 0  | Right Touch  | -                          | 38150  | 2610   | 1/2  | 23.50  | 22.48   | 126.47%   | 0.055  | 0.070  | -         |
| LTE Band 38  |                    |            | 1  | 0  | Right Tilt   | -                          | 38150  | 2610   | 1/2  | 24.50  | 23.62   | 122.46%   | 0.027  | 0.033  | -         |
| LTE Band 38  |                    | OPOU       | 50   | 0  | Right Tilt   | -                          | 38150  | 2610   | 1/2  | 23.50  | 22.48   | 126.47%   | 0.021  | 0.027  | -         |
| LTE Band 38  | 20MHz              | QPSK       | 1  | 0  |  |                            |  |  |  |  |   |   |  |  |           |
| LTE Band 38  |                    |            |  |  | Left Touch   | -                          | 38150  | 2610   | 1/2  | 24.50  | 23.62   | 122.46%   | 0.063  | 0.077  | -         |
|  |                    |            | 50   | 0  | Left Touch<br>Left Touch   | -                          | 38150<br>38150   | 2610<br>2610   | 1/2  | 24.50<br>23.50   | 23.62<br>22.48  | 122.46%<br>126.47%  | 0.063<br>0.047   | 0.077  | -         |
| LTE Band 38  |                    |            | 1  | 0  |  |                            |  |  |  | 23.50<br>24.50   | 22.48<br>23.62  |   |  | 0.059<br>0.056   |           |
|  |                    |            |  | 0  | Left Touch   | -                          | 38150  | 2610   | 1/2  | 23.50  | 22.48   | 126.47%   | 0.047  | 0.059  | -         |
| LTE Band 38<br>LTE Band 38   |                    |            | 1  | 0  | Left Touch Left Tilt Left Tilt   | -                          | 38150<br>38150<br>38150  | 2610<br>2610<br>2610   | 1/2<br>1/2<br>1/2  | 23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48   | 126.47%<br>122.46%<br>126.47%   | 0.047<br>0.046   | 0.059<br>0.056<br>0.043  | -         |
| LTE Band 38  |                    |            | 1  | 0  | Left Touch<br>Left Tilt  | -                          | 38150<br>38150   | 2610<br>2610   | 1/2<br>1/2   | 23.50<br>24.50   | 22.48<br>23.62  | 126.47%<br>122.46%  | 0.047<br>0.046   | 0.059<br>0.056   | -         |
| LTE Band 38 LTE Band 38 LTE Band 41 LTE Band 41  |                    |            | 50   | 0 0 0  | Left Touch Left Tilt Left Tilt   | -                          | 38150<br>38150<br>38150<br>41055<br>41055  | 2610<br>2610<br>2610<br>2636.5<br>2636.5   | 1/2<br>1/2<br>1/2  | 23.50<br>24.50<br>23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51   | 126.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060  | 0.059<br>0.056<br>0.043<br>0.096<br>0.075  | -         |
| LTE Band 38 LTE Band 38 LTE Band 41 LTE Band 41 LTE Band 41 LTE Band 41  |                    |            | 1 50   | 0 0 0  | Left Touch Left Tilt Left Tilt Right Touch   | -                          | 38150<br>38150<br>38150<br>41055   | 2610<br>2610<br>2610<br>2636.5   | 1/2<br>1/2<br>1/2<br>1/2   | 23.50<br>24.50<br>23.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59  | 126.47%<br>122.46%<br>126.47%<br>123.31%  | 0.047<br>0.046<br>0.034<br>0.078   | 0.059<br>0.056<br>0.043  | -         |
| LTE Band 38 LTE Band 38  LTE Band 41   |                    |            | 1 50 1 50 1 50 50  | 0<br>0<br>0<br>0<br>0<br>25<br>0<br>25   | Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt   | -<br>-<br>-<br>-<br>-      | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055  | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5   | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                                | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>23.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51   | 126.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029  | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045   | 054       |
| LTE Band 38 LTE Band 38 LTE Band 41  | 20MHz              | QPSK       | 1 50 1 50 1 50 1 1   | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0   | Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch  | -<br>-<br>-<br>-<br>-<br>- | 38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055  | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5   | 1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2        | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59  | 126.47%<br>122.46%<br>126.47%<br>126.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081   | 054       |
| LTE Band 38  LTE Band 38  LTE Band 41   | 20MHz              | QPSK       | 1 50 1 50 1 50 1 50 50 1 50  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0  | Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch   |                            | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055   | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5   | 1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2<br>1/2 | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51   | 126.47%<br>122.46%<br>126.47%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050  | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081   |           |
| LTE Band 38  LTE Band 38  LTE Band 41  | 20MHz              | QPSK       | 1 50 1 50 1 50 1 1 50 1 1  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0  | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Touch  | -<br>-<br>-<br>-<br>-<br>- | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055   | 2610<br>2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5   | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59  | 126.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063  | 054       |
| LTE Band 38  LTE Band 39  LTE Band 41   | 20MHz              | QPSK       | 1 50 1 50 1 50 1 50 1 50 50 1 50 50 1 50 50 50 1 50 50 50 50 50 50 50 50 50 50 50 50 50  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0   | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Left Tilt   |                            | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055  | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5                                   | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51   | 126.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.034  | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063<br>0.056   |           |
| LTE Band 38  LTE Band 38  LTE Band 41  | 20MHz              | QPSK       | 1 50 1 50 1 50 1 1 50 1 1  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0  | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Touch  |                            | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055   | 2610<br>2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5   | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59  | 126.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063  |           |
| LTE Band 38  LTE Band 38  LTE Band 41   | 20MHz              | QPSK       | 1 50 1 50 1 50 1 50 1 50 50 1 50 50 1 50 50 50 1 50 50 50 50 50 50 50 50 50 50 50 50 50  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0   | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Touch  |                            | 38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>39750  | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5                         | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59  | 126.47%<br>122.46%<br>126.47%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.034<br>0.052   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063<br>0.056<br>0.043<br>0.068                                     | 054       |
| LTE Band 38  LTE Band 38  LTE Band 41   | 20MHz              | QPSK       | 1 50 1 50 1 50 1 50 1 1 50 1 1 1 1 1   | 0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0  | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Tilt Right Touch Right Touch Right Touch  |                            | 38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590   | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2506                 | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>24.50<br>24.50<br>24.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51   | 126.47%<br>122.46%<br>126.47%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>130.02%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.045<br>0.045<br>0.052  | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063<br>0.056<br>0.043<br>0.068                                     | - 054<br> |
| LTE Band 38  LTE Band 38  LTE Band 41  LTE Band 42  LTE Band 42  LTE Band 42  | 20MHz              | QPSK       | 1 50 1 50 1 1 1 50 1 1 1 50 1 1 1 1                                  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0   | Left Touch Left Tilt Left Tilt Left Tilt Flight Touch Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Touch  | -                          | 38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590  | 2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>3500       | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.69<br>22.51<br>23.48<br>22.42   | 126.47%<br>122.46%<br>126.47%<br>126.47%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>120.02%  | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.034<br>0.052   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.063<br>0.056<br>0.043<br>0.068                                     |           |
| LTE Band 38 LTE Band 38 LTE Band 41 LTE Band 42 LTE Band 42 LTE Band 42 LTE Band 42  | 20MHz              | QPSK       | 1 50 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 1   | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25   | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Tilt Left Touch Left Tilt Right Touch   |                            | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590   | 2610<br>2610<br>2610<br>2610<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>2636.5<br>3500<br>3500 | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>24.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>24.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59<br>25.59 | 128.47%<br>122.46%<br>126.47%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.31%<br>125.60%<br>123.21%<br>126.47% | 0.047<br>0.046<br>0.034<br>0.078<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.034<br>0.045<br>0.032<br>0.045<br>0.032<br>0.045<br>0.034   | 0.059<br>0.056<br>0.043<br>0.096<br>0.096<br>0.095<br>0.045<br>0.036<br>0.081<br>0.063<br>0.056<br>0.043<br>0.068                            | 054<br>   |
| LTE Band 38  LTE Band 41  LTE Band 42  |                    |            | 1 50 1 50 1 50 1 1 1 50 1 1 1 50 1 1 1 1 | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>0<br>0                                  | Left Touch Left Tilt Left Tilt Left Tilt Flight Touch Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Touch  |                            | 38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42 | 2610 2610 2610 2610 2610 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 3500 3500 3500                                 | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.36<br>22.42<br>23.48<br>22.42   | 128.47% 122.46% 122.46% 128.47% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.31% 126.47% 128.23% 128.47% 128.23%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.045<br>0.052<br>0.138<br>0.105<br>0.065<br>0.065   | 0.059<br>0.056<br>0.043<br>0.096<br>0.075<br>0.045<br>0.036<br>0.081<br>0.068<br>0.056<br>0.043<br>0.068                                     |           |
| LTE Band 38  LTE Band 38  LTE Band 41  LTE Band 42  | 20MHz              | QPSK QPSK  | 1 50 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 1                                   | 0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25  | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Left Tilt Left Tilt Left Tilt Left Tilt Left Touch Right Touch Right Touch Right Touch Right Touch Right Tilt Left Touch      |                            | 38150<br>38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590  | 2610 2610 2610 2610 2610 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 3500 3500 3500 3500                            | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | 22.48<br>23.62<br>22.49<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.36<br>22.42<br>23.48<br>22.42<br>23.48  | 126.47% 122.46% 122.46% 126.47% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.31% 125.80% 130.02%   | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.029<br>0.066<br>0.050<br>0.045<br>0.052<br>0.105<br>0.065<br>0.065<br>0.065  | 0.059 0.056 0.056 0.064 0.063 0.063 0.063 0.063 0.066 0.066 0.075 0.068  | - 054<br> |
| LTE Band 38  LTE Band 49  LTE Band 41  LTE Band 42  |                    |            | 1 50 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 50 1 1 50 50 50 50 50 50 50 50 50 50 50 50 50  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>0<br>0             | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Right Touch Right Touch Right Touch Right Touch Right Touch Left Tilt Left Touch |                            | 38150<br>38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590   | 2610 2610 2610 2610 2610 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 3500 3500 3500 3500  | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.48<br>22.42<br>23.48<br>22.42<br>23.48<br>22.42   | 126.47% 122.46% 122.46% 123.31% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.41% 126.47% 128.23% 126.47% 128.23% 128.47% 128.23%                                 | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.060<br>0.050<br>0.050<br>0.050<br>0.052<br>0.065<br>0.052  | 0.059<br>0.059<br>0.064<br>0.043<br>0.096<br>0.075<br>0.045<br>0.083<br>0.081<br>0.063<br>0.068<br>0.043<br>0.068<br>0.075<br>0.043<br>0.068 | 054<br>   |
| LTE Band 38  LTE Band 38  LTE Band 41  LTE Band 42  LTE Band 42 |                    |            | 1 50 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 50 1 1 1 50 50 50 1 1 1 50 50 50 50 50 50 50 50 50 50 50 50 50          | 0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>0<br>0 | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Left Tilt Left Touch Left Touch Left Touch Left Touch Right Touch Right Touch Right Touch Left Tilt                   |                            | 38150<br>38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590   | 2610 2610 2610 2610 2610 2610 2636.5 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0.047<br>0.046<br>0.034<br>0.078<br>0.080<br>0.080<br>0.087<br>0.089<br>0.095<br>0.095<br>0.045<br>0.034<br>0.052<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0.055<br>0. | 0.059 0.056 0.056 0.056 0.063 0.063 0.063 0.063 0.063 0.068 0.175 0.135 0.068 0.175 0.135 0.064 0.142 0.064                                  | - 054<br> |
| LTE Band 38  LTE Band 49  LTE Band 41  LTE Band 42   |                    |            | 1 50 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 50 1 1 50 50 50 50 50 50 50 50 50 50 50 50 50  | 0<br>0<br>0<br>0<br>25<br>0<br>25<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>25<br>0<br>0<br>0<br>0             | Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Right Touch Right Touch Right Touch Right Touch Right Touch Left Tilt Left Touch |                            | 38150<br>38150<br>38150<br>38150<br>38150<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>41055<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590<br>42590   | 2610 2610 2610 2610 2610 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 2636.5 3500 3500 3500 3500  | 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2                            | 23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50<br>24.50<br>23.50  | 22.48<br>23.62<br>22.48<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.59<br>22.51<br>23.48<br>22.42<br>23.48<br>22.42<br>23.48<br>22.42   | 126.47% 122.46% 122.46% 123.31% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.31% 125.60% 123.41% 126.47% 128.23% 126.47% 128.23% 128.47% 128.23%                                 | 0.047<br>0.046<br>0.034<br>0.078<br>0.060<br>0.037<br>0.060<br>0.050<br>0.050<br>0.050<br>0.052<br>0.065<br>0.052  | 0.059<br>0.059<br>0.064<br>0.043<br>0.096<br>0.075<br>0.045<br>0.083<br>0.081<br>0.063<br>0.068<br>0.043<br>0.068<br>0.075<br>0.043<br>0.068 | 054<br>   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 501 of 939

| March   Marc   |                | Bandwidth |            | RB   | RB   |             | Distance |         | Freq.   |     | Max. Rated Avg.                 | Measured            |          | Averaged S | SAR over 1g |                |
|--|----------------|-----------|------------|------|------|-------------|----------|---------|---------|-----|---------------------------------|---------------------|----------|------------|-------------|----------------|
| Marcol   M   | Mode           |           | Modulation |      |      | Position    |          | Channel |         | DSI | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm) | Scaling  |            |             | ID             |
| No. 12   10.00   10.   | NR n2          |           |            | 1    | 1    | Right Touch | -        | 376000  | 1880    | 1/2 | 24.50                           | 23.54               | 124.74%  | 0.179      | 0.223       | 056            |
| Marco   1997   1998   1998   1998   1998   1999     |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| Marco   1984   |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| March   1987     |                | 20MHz     |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| MAC  |                |           | FIZ BESK   |      |      |             |          |         |         |     |                                 |                     |          |            |             | -              |
| MACC   S.   2  |                |           |            | 1    |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| 1  |                |           |            | 50   |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| March   Marc   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| March   Marc   | NR n7          |           |            | 1    | 1    | Right Touch | -        | 504000  | 2520    | 1/2 | 24.50                           | 24.25               | 105.93%  | 0.122      | 0.129       | 057            |
| Mar    |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| Heart   Marco   Marco   Property   1   1   1   1   1   1   1   1   1   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| No.    |                | 40MHz     |            |      |      |             |          |         |         |     |                                 |                     |          |            |             | -              |
| Min  |                |           | FIZ BESK   |      |      |             | -        |         |         |     |                                 |                     |          |            |             | -              |
| Miles  |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| Wilson   W   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| Mile   | 1400           |           |            | 100  |      | LOIC TIM    |          | 004000  | 2020    |     | 24.00                           | 24.10               | 100.0070 | 0.000      | 0.000       |                |
| Winds   March   Marc   | NR n25         |           |            | 1    | 1    | Right Touch | -        | 379000  | 1895    | 1/2 | 24.50                           | 23.74               | 119.12%  | 0.185      | 0.220       | 058            |
| Mile      | NR n25         | İ         |            | 108  | 54   | Right Touch | -        | 379000  | 1895    | 1/2 | 24.50                           | 23.56               | 124.17%  | 0.177      | 0.220       | -              |
| Min roll   |                |           |            | 1    | 1    |             | -        |         |         |     |                                 |                     |          |            |             | -              |
| Marcold  |                | 40MHz     |            | 108  | 54   |             | -        |         |         |     |                                 |                     |          |            |             |                |
| Min role   1   |                |           | Pi/2 BPSK  | 1    | 1    |             | -        |         |         |     |                                 |                     |          |            |             | <u> </u>       |
| MR - 45  |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| Mile      |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| Merical   Meri   | NR n25         |           |            | 108  | 54   | Lett Tilt   | -        | 3/9000  | 1895    | 1/2 | 24.50                           | 23.56               | 124.17%  | 0.032      | U.040       |                |
| Merical   Meri   | NR nss         |           |            | 1    | 1    | Right Touch |          | 346000  | 1730    | 1/2 | 24 50                           | 23 38               | 129 42%  | 0 134      | 0 173       | 059            |
| MR 102   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             | _              |
| NR   |                | l         |            |      |      |             |          |         |         |     |                                 |                     |          |            |             | <u> </u>       |
| MR 1466   MR 1   |                |           | SCS 15kHz  |      |      |             | -        |         |         |     |                                 |                     |          |            |             | -              |
| NR - 106   |                | 40MHz     |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR - 168   | NR n66         |           |            | 108  | 54   | Left Touch  | -        | 346000  | 1730    |     | 24.50                           | 23.19               | 135.21%  | 0.068      | 0.092       | <del>-</del> - |
| NRT-108   NRT-   | NR n66         |           |            | 1    |      | Left Tilt   | -        | 346000  | 1730    |     | 24.50                           | 23.38               | 129.42%  | 0.029      | 0.038       | -              |
| NR - 108   | NR n66         |           |            | 108  | 54   | Left Tilt   | -        | 346000  | 1730    | 1/2 | 24.50                           | 23.19               | 135.21%  | 0.025      | 0.034       | -              |
| NR - 108   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR No.58   |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             | 060            |
| NR 1988   Section   Sect   |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             | -              |
| NR 108   N   |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR 108   N   |                | 40MHz     |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n/8   |                |           | PI/2 BPSK  |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n88   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR 1641   NR 1   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n41   | 141100         |           |            |      | 20   | LOK TIK     |          | 020000  | 2000    |     | 24.00                           | 24.00               | 112.2070 | 0.000      | 0.004       |                |
| NR n41   | NR n41         |           |            | 1    | 1    | Right Touch | -        | 509202  | 2546.01 | 1/2 | 24.50                           | 23.54               | 124.74%  | 0.116      | 0.145       | 061            |
| NR nef   N   | NR n41         |           |            | 135  | 69   | Right Touch | -        | 528000  | 2640    | 1/2 | 24.50                           | 23.44               | 127.64%  | 0.111      | 0.142       |                |
| NR nef   100MeV  | NR n41         |           |            | 1    | 1    | Right Tilt  | -        | 509202  | 2546.01 | 1/2 | 24.50                           | 23.54               | 124.74%  | 0.063      | 0.079       |                |
| NR n41   | NR n41         | 100041411 | SCS 30kHz  | 135  | 69   | Right Tilt  | -        | 528000  | 2640    | 1/2 | 24.50                           | 23.44               | 127.64%  | 0.061      | 0.078       | -              |
| 1   1   Left Till   -     509222   2246 01   1/2   24.50   22.54   124.74%   0.042   0.052   .   | NR n41         | TUUMHZ    | Pi/2 BPSK  |      | 1    | Left Touch  | -        | 509202  | 2546.01 | 1/2 |                                 | 23.54               | 124.74%  | 0.088      | 0.110       | -              |
| 1   1   Right Touch   -  |                |           |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR n77   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77   NR n77   NR n78   NR n77 & n78   NR n78   N   | NR n41         |           |            | 135  | 69   | Left Tilt   | -        | 528000  | 2640    | 1/2 | 24.50                           | 23.44               | 127.64%  | 0.040      | 0.051       | <u> </u>       |
| NR n77   NR n77   NR n78   NR n77 & n78   NR n78   N   |                |           |            |      |      |             |          |         |         |     | A4                              |                     |          |            |             |                |
| NR n77   NR n77   NR n78   N   |                |           |            | 1    | 1    |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR n77   NR n77   NR n77   NR n78   N   |                | -         |            |      |      | _           |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77   |                | -         |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77   NR n78   NR n77 n78   NR n78   NR n78   NR n77 n78   NR n78   NR n77 n78   NR n7   |                | 100MHz    |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77   NR n78   NR n77 & n78   NR n   |                |           | Pi/2 BPSK  |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77   NR n78   NR n77 & n78   NR n78   N   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77 & n78   NR n77 & n78   NR n78    | NR n77         | 1         |            | #N/A | #N/A |             | -        | 652400  | 3786    | 1/2 |                                 |                     | 137.40%  |            |             | -              |
| NR n778 n78   NR n78 n78 n79   NR n78 n79 n8   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n778 n78   NR n78 n78 n79 n NR n78 n79 n NR n78 n79 n NR n78 n   |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n77 8 n78   NR n   |                |           |            |      |      | 9           |          |         |         |     |                                 |                     |          |            |             |                |
| NR n778 n78  NR n77 & n78  100MHz  NR n77 & n78  100MHz  100MH |                |           |            | 135  | 69   |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR n778 n78   NR n778 n78   NR n778 n78   NR n778 n78  |                | ļ         |            | 1    | 1    | 9           | -        |         |         |     |                                 |                     |          |            |             | <u> </u>       |
| NR n77 & n78   |                | 100MHz    |            |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
| NR n77 & n78   1   1   Left Tilt   - 633334   350.01   1/2   24.50   22.81   147.57%   0.037   0.055   - 1.055   -   |                |           | PI/Z BPSK  |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n778  |                | -         |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n78   |                | -         |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
| NR n78 NR n78 100MHz NR n78 100MHz P/2 BPSK 1 1 1 Left Touch - 650000 3750 1/2 24.50 22.64 153.46% 0.0276 0.117 - 100MHz NR n78 105  | NP. 11// & F/8 |           |            | 130  | US   | Leit IIIt   | -        | 033334  | 3000.01 | 1/2 | 24.0U                           | 22.01               | 104.55%  | 0.032      | 0.049       | <del>-</del>   |
| NR n78 NR n78 100MHz NR n78 100MHz P/2 BPSK 1 1 1 Left Touch - 650000 3750 1/2 24.50 22.64 153.46% 0.0276 0.117 - 100MHz NR n78 105  |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             | +              |
| NR n78 NR n78 100MHz NR n78 100MHz P/2 BPSK 1 1 1 Left Touch - 650000 3750 1/2 24.50 22.64 153.46% 0.0276 0.117 - 100MHz NR n78 105  | NR n78         |           |            | 1    | 1    | Right Touch | -        | 650000  | 3750    | 1/2 | 24.50                           | 22.78               | 148.59%  | 0.079      | 0.118       | 064            |
| NR n78 NR n78 100MHz SCS 30kHz PI2 BPSK 1 1 Right Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.037 0.055 - 172 175 175 175 175 175 175 175 175 175 175   | NR n78         | 1         | 1          | 135  | 69   |             | -        | 650000  |         |     | 24.50                           |                     | 153.46%  |            |             |                |
| NR n78 100MHz SCS 30kHz 135 69 Right Tilt - 650000 3750 1/2 24.50 22.64 153.46% 0.035 0.054 - P1/2 NR n78 1135 69 Left Touch - 650000 3750 1/2 24.50 22.78 148.59% 0.052 0.077 - NR n78 135 69 Left Touch - 650000 3750 1/2 24.50 22.78 148.59% 0.050 0.077 - Left Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.052 0.077 - Left Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.052 0.077 - Left Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.052 0.077 - Left Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.058 0.027 - Left Tilt - 650000 3750 1/2 24.50 22.78 148.59% 0.058 0. | NR n78         |           |            | 1    | 1    |             | -        | 650000  | 3750    | 1/2 | 24.50                           | 22.78               | 148.59%  | 0.037      | 0.055       | -              |
| NR n78 10.0MHz PV2 BPSK 1 1 Left Touch - 650000 3750 1/2 24.50 22.78 148.59% 0.052 0.077 - NR n78 135 69 Left Touch - 650000 3750 1/2 24.50 22.64 153.46% 0.050 0.077 - 1.00 1 1 Left Touch - 650000 3750 1/2 24.50 22.64 148.59% 0.052 0.077 - 1.00 1 1 Left Till 1 Left Till 1 Ceft Till 1 Left Till | NR n78         | 1001#1-   |            | 135  | 69   |             | -        | 650000  | 3750    |     | 24.50                           | 22.64               | 153.46%  | 0.035      | 0.054       | -              |
| NR n78 1 1 Left Titt - 650000 3750 1/2 24.50 22.76 148.59% 0.018 0.027 -   |                | TOUMHZ    | Pi/2 BPSK  |      |      |             | -        |         |         |     |                                 |                     |          |            |             |                |
|  |                | 1         | 1          | 135  | 69   |             | -        |         |         |     |                                 |                     |          |            |             | -              |
| NR n78 135 69 Left Tilt - 650000 3750 1/2 24.50 22.64 153.46% 0.016 0.025 -  |                |           |            |      |      |             |          |         |         |     |                                 |                     |          |            |             |                |
|  | NR n78         | ]         | ļ          | 135  | 69   | Left Tilt   | -        | 650000  | 3750    | 1/2 | 24.50                           | 22.64               | 153.46%  | 0.016      | 0.025       |                |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 502 of 939

### Head Ant3 DSI1

| Mode   |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
|--|---------------------|--|---|--|--|---------------------------------|--|---|---|--|--|--|--|---|-------------------|
| Mode   | Bandwidth           | Modulation                                       | RB  | RB   | Position   | Distance                        | Channel  | Freq.   | DSI   | Max. Rated Avg.  | Measured   | Cooling  |  | SAR over 1g<br>/kg)   | ID                |
|  | (MHz)               | Modulation                                       | Size  | start  | Position   | (mm)                            | Channel  | (MHz)   | DSI   | Power + Max.<br>Tolerance (dBm)  | Avg. Power<br>(dBm)  | Scaling  | Measured   | Reported  | ID                |
| LTE Band 5   |                     |  | 1   | 0  | Right Touch  | -                               | 20600  | 844   | 1   | 22.50  | 22.43  | 101.62%  | 0.635  | 0.645   | -                 |
| LTE Band 5   |                     |  | 25  | 0  | Right Touch  | -                               | 20600  | 844   | 1   | 21.50  | 21.37  | 103.04%  | 0.512  | 0.528   | _                 |
| LTE Band 5   |                     |  | 1   | 0  | Right Tilt   | -                               | 20600  | 844   | 1   | 22.50  | 22.43  | 101.62%  | 0.458  | 0.465   | -                 |
| LTE Band 5   |                     |  | 25  | 0  | Right Tilt   | -                               | 20600  | 844   | 1   | 21.50  | 21.37  | 103.04%  | 0.356  | 0.367   | -                 |
| LTE Band 5   |                     |  | 1   | 0  | Left Touch   | -                               | 20450  | 829   | 1   | 22.50  | 22.39  | 102.57%  | 0.986  | 1.011   | -                 |
| LTE Band 5   | 10MHz               | QPSK   | 1   | 0  | Left Touch   | -                               | 20525  | 836.5   | 1   | 22.50  | 22.35  | 103.51%  | 0.995  | 1.030   |                   |
|  | TOWINZ              | QF3K   | -   | 0  | Left Touch   | -                               | 20600  | 844   | 1   | 22.50  | 22.43  | 101.62%  | 1.100  | 1.118   | 065               |
| LTE Band 5   |                     |  | 1   |  |  | -                               |  |   | 1   |  |  |  |  |   |                   |
| LTE Band 5   |                     |  | 25  | 0  | Left Touch   |                                 | 20600  | 844   |   | 21.50  | 21.37  | 103.04%  | 0.869  | 0.895   | -                 |
| LTE Band 5   |                     |  | 50  | RB .   | Left Touch   | -                               | 20600  | 844   | 1   | 21.50  | 21.31  | 104.47%  | 0.854  | 0.892   | -                 |
| LTE Band 5   |                     |  | 1   | 0  | Left Tilt  | -                               | 20600  | 844   | 1   | 22.50  | 22.43  | 101.62%  | 0.756  | 0.768   | -                 |
| LTE Band 5   |                     |  | 25  | 0  | Left Tilt  | -                               | 20600  | 844   | 1   | 21.50  | 21.37  | 103.04%  | 0.602  | 0.620   | -                 |
|  |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
| LTE Band 12  |                     |  | 1   | 0  | Right Touch  | -                               | 23060  | 704   | 1/2   | 24.50  | 23.12  | 137.40%  | 0.221  | 0.304   | -                 |
| LTE Band 12  |                     |  | 25  | 25   | Right Touch  | -                               | 23060  | 704   | 1/2   | 23.50  | 22.06  | 139.32%  | 0.140  | 0.195   | -                 |
| LTE Band 12  |                     |  | 1   | 0  | Right Tilt   | -                               | 23060  | 704   | 1/2   | 24.50  | 23.12  | 137.40%  | 0.108  | 0.148   | -                 |
| LTE Band 12  | 10MHz               | QPSK   | 25  | 25   | Right Tilt   | -                               | 23060  | 704   | 1/2   | 23.50  | 22.06  | 139.32%  | 0.074  | 0.103   | -                 |
| LTE Band 12  | TOWNIE              | Qi Sit   | 1   | 0  | Left Touch   | -                               | 23060  | 704   | 1/2   | 24.50  | 23.12  | 137.40%  | 0.516  | 0.709   | 066               |
| LTE Band 12  |                     |  | 25  | 25   | Left Touch   | -                               | 23060  | 704   | 1/2   | 23.50  | 22.06  | 139.32%  | 0.398  | 0.554   | -                 |
| LTE Band 12  |                     |  | 1   | 0  | Left Tilt  | -                               | 23060  | 704   | 1/2   | 24.50  | 23.12  | 137.40%  | 0.323  | 0.444   | -                 |
| LTE Band 12  |                     |  | 25  | 25   | Left Tilt  | -                               | 23060  | 704   | 1/2   | 23.50  | 22.06  | 139.32%  | 0.216  | 0.301   | -                 |
|  |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
| LTE Band 17  |                     |  | 1   | 0  | Right Touch  | -                               | 23800  | 711   | 1   | 24.50  | 22.95  | 142.89%  | 0.382  | 0.546   | -                 |
| LTE Band 17  |                     |  | 25  | 25   | Right Touch  | -                               | 23800  | 711   | 1   | 23.50  | 21.87  | 145.55%  | 0.277  | 0.403   | -                 |
| LTE Band 17  |                     |  | 1   | 0  | Right Tilt   | -                               | 23800  | 711   | 1   | 24.50  | 22.95  | 142.89%  | 0.137  | 0.196   | -                 |
| LTE Band 17  |                     |  | 25  | 50   | Right Tilt   | -                               | 23800  | 711   | 1   | 23.50  | 21.87  | 145.55%  | 0.101  | 0.147   | -                 |
| LTE Band 17  | 10MHz               | QPSK   | 1   | 0  | Left Touch   | <u> </u>                        | 23800  | 711   | 1   | 24.50  | 22.95  | 142.89%  | 0.700  | 1.000   | 067               |
| LTE Band 17  |                     |  | 25  | 50   | Left Touch   | -                               | 23800  | 711   | 1   | 23.50  | 21.87  | 145.55%  | 0.700  | 0.742   | -                 |
| LTE Band 17  |                     |  |   |  |  |                                 | 23800  |   |   |  | 21.87  | 145.55%  | 0.510  | 0.742   |                   |
|  |                     |  | 1 05  | 0  | Left Tilt  | -                               |  | 711   | 1   | 24.50  |  |  |  |   | -                 |
| LTE Band 17  |                     |  | 25  | 50   | Left Tilt  | -                               | 23800  | 711   | 1   | 23.50  | 21.87  | 145.55%  | 0.165  | 0.240   | -                 |
|  |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
| LTE Band 26  |                     |  | 1   | 0  | Right Touch  | -                               | 26765  | 821.5   | 1   | 23.50  | 23.31  | 104.47%  | 0.711  | 0.743   | -                 |
| LTE Band 26  |                     |  | 36  | 25   | Right Touch  | -                               | 26865  | 831.5   | 1   | 22.50  | 22.20  | 107.15%  | 0.560  | 0.600   | -                 |
| LTE Band 26  |                     |  | 1   | 0  | Right Tilt   | -                               | 26765  | 821.5   | 1   | 23.50  | 23.31  | 104.47%  | 0.437  | 0.457   | -                 |
| LTE Band 26  |                     |  | 36  | 25   | Right Tilt   | -                               | 26865  | 831.5   | 1   | 22.50  | 22.20  | 107.15%  | 0.342  | 0.366   | -                 |
| LTE Band 26  |                     |  | 1   | 0  | Left Touch   | -                               | 26765  | 821.5   | 1   | 23.50  | 23.31  | 104.47%  | 1.030  | 1.076   | 068               |
| LTE Band 26  | 15MHz               | QPSK   | 1   | 0  | Left Touch   | -                               | 26865  | 831.5   | 1   | 23.50  | 23.24  | 106.17%  | 0.985  | 1.046   | -                 |
| LTE Band 26  |                     |  | 1   | 0  | Left Touch   | -                               | 26965  | 841.5   | 1   | 23.50  | 23.25  | 105.93%  | 0.955  | 1.012   | -                 |
| LTE Band 26  |                     |  | 36  | 25   | Left Touch   | -                               | 26865  | 831.5   | 1   | 22.50  | 22.20  | 107.15%  | 0.840  | 0.900   | -                 |
| LTE Band 26  |                     |  |   | RB   | Left Touch   | -                               | 26765  | 821.5   | 1   | 22.50  | 22.17  | 107.89%  | 0.821  | 0.886   | -                 |
| LTE Band 26  |                     |  | 1   | 0  | Left Tilt  | -                               | 26765  | 821.5   | 1   | 23.50  | 23.31  | 104.47%  | 0.763  | 0.797   | -                 |
| LTE Band 26  |                     |  | 36  | 25   | Left Tilt  | -                               | 26865  | 831.5   | 1   | 22.50  | 22.20  | 107.15%  | 0.621  | 0.665   | -                 |
|  |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
| LTE Band 71  |                     |  | 1   | 0  | Right Touch  | -                               | 133222   | 673   | 1/2   | 24.50  | 23.78  | 118.03%  | 0.145  | 0.171   | -                 |
| LTE Band 71  |                     |  | 50  | 25   | Right Touch  | -                               | 133222   | 673   | 1/2   | 23.50  | 22.73  | 119.40%  | 0.112  | 0.134   | -                 |
|  |                     |  |   |  |  |                                 |  |   |   |  |  |  |  |   |                   |
| LTE Band 71  |                     |  | 1   | 0  | Right Tilt   | -                               | 133222   | 673   | 1/2   | 24.50  | 23.78  | 118.03%  | 0.119  | 0.140   | -                 |
| LTE Band 71  | 20MHz               | QPSK   | 50  | 25   | Right Tilt   | -                               | 133222<br>133222   | 673   | 1/2   | 23.50  | 22.73  | 119.40%  | 0.102  | 0.122   |                   |
| LTE Band 71  |                     |  |   |  |  |                                 |  |   | 1/2   |  |  |  |  |   |                   |
| LTE Band 71  |                     |  | 1   | 0  | Left Touch   | -                               |  | 673   |   | 24.50  | 23.78  | 118.03%  | 0.276  | 0.326   | 069               |
|  |                     |  | 50  | 25   | Left Touch   | -                               | 133222   | 673   | 1/2   | 23.50  | 22.73  | 119.40%  | 0.211  | 0.252   | -                 |
| LTE Band 71  |                     |  | 50<br>1   | 25<br>0  | Left Touch<br>Left Tilt  |                                 | 133222<br>133222   | 673<br>673  | 1/2<br>1/2  | 23.50<br>24.50   | 22.73<br>23.78   | 119.40%<br>118.03%   | 0.211<br>0.237   | 0.252<br>0.280  |                   |
|  |                     |  | 50  | 25   | Left Touch   | -                               | 133222   | 673   | 1/2   | 23.50  | 22.73  | 119.40%  | 0.211<br>0.237<br>0.178  | 0.252<br>0.280<br>0.213   | -                 |
| LTE Band 71<br>LTE Band 71   | Randwidth           |  | 50<br>1<br>50   | 25<br>0<br>25  | Left Touch<br>Left Tilt<br>Left Tilt   | -                               | 133222<br>133222<br>133222   | 673<br>673<br>673   | 1/2<br>1/2<br>1/2   | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.   | 22.73<br>23.78<br>22.73<br>Measured  | 119.40%<br>118.03%<br>119.40%  | 0.211<br>0.237<br>0.178<br>Averaged S  | 0.252<br>0.280<br>0.213<br>6AR over 1g  | -                 |
| LTE Band 71  | Bandwidth<br>(MHz)  | Modulation                                       | 50<br>1<br>50<br>RB   | 25<br>0<br>25<br>RB  | Left Touch<br>Left Tilt  | -                               | 133222<br>133222   | 673<br>673<br>673<br>Freq.  | 1/2<br>1/2  | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power  | 119.40%<br>118.03%   | 0.211<br>0.237<br>0.178<br>Averaged S  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>/kg)  | -                 |
| LTE Band 71<br>LTE Band 71<br>Mode   | Bandwidth<br>(MHz)  | Modulation                                       | 50<br>1<br>50<br>RB<br>Size   | 25<br>0<br>25<br>RB<br>start   | Left Touch Left Tilt Left Tilt Position  | -<br>-<br>-<br>Distance<br>(mm) | 133222<br>133222<br>133222<br>Channel  | 673<br>673<br>673<br>Freq.<br>(MHz)   | 1/2<br>1/2<br>1/2<br>DSI  | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)   | 119.40%<br>118.03%<br>119.40%<br>Scaling   | 0.211<br>0.237<br>0.178<br>Averaged \$<br>(W<br>Measured   | 0.252<br>0.280<br>0.213<br>6AR over 1g<br>/kg)<br>Reported  | -<br>-<br>-<br>ID |
| LTE Band 71<br>LTE Band 71<br>Mode<br>NR n5  |                     | Modulation                                       | 50<br>1<br>50<br>RB<br>Size   | 25<br>0<br>25<br>RB<br>start   | Left Touch Left Tilt Left Tilt Position Right Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel  | 673<br>673<br>673<br>Freq.<br>(MHz)   | 1/2<br>1/2<br>1/2<br>1/2<br>DSI   | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>23.00   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89  | 119.40%<br>118.03%<br>119.40%<br>Scaling   | 0.211<br>0.237<br>0.178<br>Averaged S<br>(W<br>Measured<br>0.712   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>/kg)<br>Reported<br>0.730   | -<br>-<br>ID      |
| LTE Band 71 LTE Band 71 Mode NR n5 NR n5   |                     | Modulation                                       | 50<br>1<br>50<br>RB<br>Size<br>1  | 25<br>0<br>25<br>RB<br>start<br>1<br>28  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800  | 673<br>673<br>673<br>Freq.<br>(MHz)<br>839<br>839   | 1/2<br>1/2<br>1/2<br>DSI<br>1   | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Toterance (dBm)<br>23.00<br>23.00  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71   | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%   | 0.211<br>0.237<br>0.178<br>Averaged S<br>(W<br>Measured<br>0.712<br>0.625  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>/kg)<br>Reported<br>0.730<br>0.668  | -<br>-<br>ID      |
| LTE Band 71 LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  |                     | Modulation                                       | 50<br>1<br>50<br>RB<br>Size<br>1<br>50  | 25<br>0<br>25<br>RB<br>start<br>1<br>28  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800  | 673<br>673<br>673<br>Freq.<br>(MHz)<br>839<br>839   | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1                               | 23.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%  | 0.211<br>0.237<br>0.178<br>Averaged S<br>(W<br>Measured<br>0.712<br>0.625<br>0.489   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>/kg)<br>Reported<br>0.730<br>0.668<br>0.502   | -<br>-<br>-<br>ID |
| LTE Band 71 LTE Band 71 Mode NR n5 NR n5 NR n5 NR n5 NR n5   |                     | Modulation                                       | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1   | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800  | 673<br>673<br>673<br>Freq.<br>(MHz)<br>839<br>839<br>839  | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1<br>1                          | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>23.00<br>23.00<br>23.00<br>23.00  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71   | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>106.91%  | 0.211<br>0.237<br>0.178<br>Averaged S<br>(W<br>Measured<br>0.712<br>0.625<br>0.489<br>0.425  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>/kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454  | -<br>-<br>-<br>ID |
| LTE Band 71 LTE Band 71 Mode NR n5 NR n5 NR n5 NR n5 NR n5 NR n5   | (MHz)               |  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50   | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>166800  | 673<br>673<br>673<br>Freq.<br>(MHz)<br>839<br>839<br>839<br>839   | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1<br>1<br>1                     | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%  | 0.211<br>0.237<br>0.178<br>Averaged S<br>(W<br>Measured<br>0.712<br>0.625<br>0.489<br>0.425  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029   | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   |                     | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>28<br>1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>166800<br>167300  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>834  | 1/2 1/2 1/2 1/2 DSI 1 1 1 1 1 1   | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81<br>22.76   | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%   | 0.211<br>0.237<br>0.178<br>Averaged \$\frac{1}{2}\$ (W<br>Measured<br>0.712<br>0.625<br>0.489<br>0.425<br>0.985  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078  | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5 NR n5 NR n5 NR n5 NR n5 NR n5   | (MHz)               |  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>50  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>28<br>1<br>1<br>28   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167300<br>167800  | 673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>839<br>834  | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1<br>1<br>1                     | 23.50 24.50 24.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%  | 0.211 0.237 0.178 Averaged \$\frac{1}{2}\$ (W Measured 0.712 0.625 0.489 0.425 0.985 1.020   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>//kg)  Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078   | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>28<br>1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>166800<br>167300  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>834  | 1/2 1/2 1/2 1/2 DSI 1 1 1 1 1 1   | 23.50<br>24.50<br>23.50<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00<br>23.00  | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81<br>22.76   | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%   | 0.211<br>0.237<br>0.178<br>Averaged \$\frac{1}{2}\$ (W<br>Measured<br>0.712<br>0.625<br>0.489<br>0.425<br>0.985  | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078  | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5 NR n6 NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>50  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>28<br>1<br>1<br>28   | Left Touch Left Tilt Left Tilt Position  Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Touch   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167300<br>167800  | 673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>839<br>834  | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1<br>1<br>1<br>1<br>1<br>1      | 23.50 24.50 24.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81<br>22.76<br>22.89  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>104.47%<br>105.68%<br>102.57%   | 0.211 0.237 0.178 Averaged \$\frac{1}{2}\$ (W Measured 0.712 0.625 0.489 0.425 0.985 1.020   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>//kg)  Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078   | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>50   | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>28<br>1<br>1<br>28   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800  | 673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>839<br>839<br>834<br>836.5<br>839   | 1/2<br>1/2<br>1/2<br>1/2<br>DSI<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | 23.50 24.50 24.50 Max. Rated Avg. Power + Max. Toterance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00   | 22.73<br>23.78<br>22.73<br>Measured<br>Avg. Power<br>(dBm)<br>22.89<br>22.71<br>22.89<br>22.71<br>22.81<br>22.76<br>22.89<br>22.71   | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%<br>102.57%<br>106.91%   | 0.211 0.237 0.178 Averaged S (W Measured 0.712 0.625 0.489 0.425 0.985 1.020 1.100 0.956   | 0.252<br>0.280<br>0.213<br>AR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.178<br>1.128  | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>1<br>1<br>50  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>1<br>28<br>1<br>1<br>1<br>28   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>16800<br>167800<br>167800<br>167800<br>167800   | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>834<br>836.5<br>839<br>839  | 1/2 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1            | 23.50 24.50 24.50 23.50 Msx. Rated Avg. Power + Msx. Tolerance (Bm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00  | 22.73 23.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.76 22.71 22.89  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%<br>105.57%<br>106.91%<br>105.57%<br>106.91%<br>107.57%<br>107.57%<br>107.57%  | 0.211 0.237 0.178 Averaged \$ (W) Measured 0.712 0.625 0.489 0.425 0.985 1.020 1.100 0.956   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078<br>1.128<br>1.022<br>0.929   | - ID ID           |
| LTE Band 71 LTE Band 71 Mode  NR n5  | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>1  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>1<br>28<br>1<br>1<br>1<br>28<br>1<br>1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>834<br>836.5<br>839<br>839   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00   | 22.73 23.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.89 22.71 22.89  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>105.88%<br>102.57%<br>106.91%<br>105.68%<br>102.57%  | 0.211 0.237 0.178 Averaged \$\frac{1}{2}\$ (W) Measured 0.712 0.625 0.489 0.425 0.985 1.020 1.100 0.956 0.992 0.752  | 0.252 0.280 0.213 AR over 1g (kg) Reported 0.730 0.668 0.502 0.454 1.029 1.078 1.128 1.022 0.929  | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>1  | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>1<br>28<br>1<br>1<br>1<br>28<br>1<br>1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>166800<br>167300<br>167800<br>167800<br>167800<br>167800  | 673 673 673 673 673 673 7 req. (MHz) 839 839 839 834 836.5 839 839 834 836.5  | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00   | 22.73 23.78 22.73 Measured Avg. Fower (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.89 22.71  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%<br>102.57%<br>103.04%<br>102.57%<br>103.04%   | 0.211 0.237 0.178 Averaged \$\frac{1}{2}\$ (W) Measured 0.712 0.625 0.489 0.425 0.985 1.020 1.100 0.956 0.992 0.752  | 0.252 0.280 0.213 AAR over 1g /kg) Reported 0.730 0.668 0.502 0.454 1.029 1.078 1.128 1.022 0.929 0.771 0.759   | - ID              |
| LTE Band 71 LTE Band 71 Mode NR n5   | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>1   | 25<br>0<br>25<br>RB<br>start<br>1<br>28<br>1<br>1<br>28<br>1<br>1<br>1<br>28<br>2<br>1<br>1<br>2<br>2<br>3<br>1<br>1<br>2<br>8<br>1<br>1<br>2<br>8<br>1<br>1<br>1<br>2<br>8<br>1<br>1<br>1<br>1<br>1<br>2<br>8<br>1<br>1<br>1<br>1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Right Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>836<br>836<br>839<br>839<br>839<br>839   | 1/2 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1            | 23.50 24.50 23.50 Max, Raind Avg, Power + Max, Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50   | 22.73 23.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.81 22.81 22.76 22.89 22.71 22.81 22.77 22.89 22.77 22.89 22.77 22.89 22.77  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>105.68%<br>102.57%<br>106.91%<br>103.04%<br>102.57%<br>106.91%<br>103.04%<br>103.04%<br>103.04%  | 0.211 0.237 0.178 Averaged \$\frac{4}{W}\$ Measured 0.712 0.625 0.489 0.425 0.985 1.100 0.966 0.902 0.752 0.710  | 0.252 0.280 0.213 SAR over 1g Reported 0.730 0.668 0.502 0.454 1.029 1.128 1.022 0.771 0.759  | - ID ID           |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n6  NR n6  NR n6  NR n7  NR n8  | (MHz)               | SCS 15kHz  | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>1   | 25<br>0 25<br>25<br>RB start 1 28<br>1 1 28<br>1 1 1 28<br>0 0 1 28  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Right Touch   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>147800<br>147800<br>147800  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>834<br>836.5<br>839<br>839<br>839<br>839<br>839<br>839<br>839   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 23.50 Max. Rated Avg. Power + Max. Toderance (dlm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00   | 22.73 23.78 22.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.81 22.71 22.81 22.72 22.89 22.71 22.30 22.71 22.31 22.71 22.31 22.71 22.31 22.71 22.31  | 119.40%<br>118.03%<br>119.40%<br>Scaling<br>102.57%<br>106.91%<br>102.57%<br>106.91%<br>104.47%<br>105.68%<br>102.57%<br>106.91%<br>103.05%<br>102.57%<br>108.91%<br>103.05%<br>104.47%<br>105.68%<br>104.47%<br>105.68%<br>104.47%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105.68%<br>105 | 0.211 0.237 0.178 Averaged S WW Measured 0.712 0.625 0.489 0.425 0.985 1.020 1.100 0.956 0.902 0.752 0.710 0.158   | 0.252<br>0.280<br>0.213<br>SAR over 1g<br>(kg)<br>Reported<br>0.730<br>0.668<br>0.502<br>0.454<br>1.029<br>1.078<br>1.1028<br>1.029<br>0.302<br>0.302<br>0.454<br>0.708<br>1.078<br>1.078<br>1.078<br>1.078<br>1.079<br>0.219 | - ID ID           |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n8   | (MHz)               | SCS 15kHz<br>Pi/2 BPSK                           | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>50<br>1<br>50<br>1<br>1<br>50<br>1<br>1<br>1<br>1                           | 25 0 25 RB start 1 1 28 1 1 1 28 0 1 1 28 28 1 1 1 22 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch Right Tilt Left Touch Right Tilt  | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>147800<br>147800<br>147800<br>147800<br>147800<br>147800<br>147800  | 673<br>673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839   | 1/2 1/2 1/2 1/2 1/2  DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1           | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50   | 22.73 23.78 22.73 Measured Avg. Fower (dBm) 22.89 22.71 22.89 22.71 22.87 22.89 22.71 22.37 22.89 22.71 22.37 22.89 22.71 22.37 22.89 22.71 22.37 22.89 22.71  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 104.47% 105.66% 102.57% 109.91% 104.47% 105.68% 102.57% 109.91% 108.10% 108.10% 108.68% 108.68%  | 0.211 0.237 0.178 Averaged 5 0.772 0.772 0.625 0.489 0.425 0.985 1.020 0.995 0.752 0.710 0.158 0.158 0.168   | 0.252 0.280 0.281 0.213 0.213 0.213 0.213 0.213 0.213 0.668 0.502 0.454 1.029 1.078 1.128 1.022 0.771 0.759   | - ID              |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n5  NR n6  NR n7  NR n8  | (MHz)               | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 50 1 1 50 1 1 50 1 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 10   | 25<br>0 25<br>RB start 1 1 28 1 1 1 28 0 1 1 28 0 1 1 28 0 1 1 28 0 1 1 22 22 22 22 22 22 22 22 22 22 22 22  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Left Touch Right Tilt Left Tilt Left Tilt Right Touch Right Tilt Right Tilt Right Tilt Right Tilt Right Tilt   | Distance (mm)                   | 133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>147300<br>147300<br>147300<br>147300<br>147300<br>147300  | 673 673 673 773 Freq. (MHz) 839 839 839 834 836.5 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 1/2  DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1               | 23.50 24.50 23.50 Max. Raide Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50   | 22.73 23.78 22.73 Messured Avg. Pund | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 105.68% 102.57% 106.91% 105.91% 105.91% 105.91% 105.91% 105.91% 105.91% 105.91%  | 0.211 0.237 Averaged s Averaged s Averaged s 0.712 0.625 0.625 0.625 0.489 1.020 1.100 0.956 0.902 0.710 0.158 0.148 0.148 0.048   | 0.252 0.280 0.213 0.213 0.213 0.213 0.213 0.213 0.273 0.658 0.050 0.455 0.102 0.455 1.022 0.223 1.078 1.022 0.229 0.771 0.759   | - ID ID           |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n6  NR n7  NR n8   | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50<br>1<br>50<br>RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>1<br>1<br>50<br>100<br>1<br>1<br>50<br>100<br>1<br>1<br>1<br>1  | 25 0 25 RB start 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 22 2 1 1 22 2 1 1 1 22 2 1 1  | Left Touch Left Tilt Left Tilt Position  Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Left Tilt Left Tilt Right Touch Right Tilt Right Tilt Left Touch  | Distance (mm)                   | 133222<br>133222<br>133222<br>133222<br>Channel<br>167800<br>167800<br>167800<br>167800<br>167800<br>167800<br>16800<br>167800<br>16800<br>167800<br>141300<br>141300<br>141300  | 673<br>673<br>673<br>Freq. (MHz)<br>839<br>839<br>839<br>839<br>839<br>834<br>836.5<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839<br>839   | 1/2 1/2 1/2 DSI  DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1               | 23.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.00 25. | 22.73 23.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.80 22.71 22.81 22.76 22.97 22.97 22.37 22.90 22.71 22.37 22.90 22.71 22.37 22.90 22.71 22.37 22.90 22.71 22.37 22.90 22.94 23.08 22.94 23.08  | 119.40% 118.03% 119.40% Scaling 102.57% 108.91% 102.57% 106.91% 103.04% 102.57% 106.91% 103.04% 102.57% 108.91% 103.04% 103.04% 103.04% 103.04% 103.06%  | 0.211 0.237 Averaged 5 Averaged 5 0.772 0.052 0.025 0.489 0.025 0.489 1.000 0.966 0.965 0.772 0.770 0.158 0.168 0.068 0.068  | 0.252 0.280 0.281 0.283 0.283 0.287 0.287 0.287 0.287 0.287 0.287 0.287 0.287 0.287 0.297 0.797 0.759 0.212 0.122 0.122 0.125   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n8  | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 1 50 1 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 36 1 1 36 1 36   | 25 0 25 RB start 1 1 28 1 2 1 2 2 2 1 2 2 2 1 2 2 2 2 5 1 2 5 5 1 1 2 5 5 1 1 1 2 2 5 1 1 1 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Touch   | Distance (mm)                   | 133222 133222 133222 Channel 167800 167800 167800 167800 166800 167800 167800 167800 167800 167800 147300   | 673 673 673 Freq. (M+z) 839 839 834 836.5 839 839 834 706.5 706.5 706.5 706.5 706.5   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dbm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.00 25. | 22.73 23.78 Measured Avg, Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.81 22.76 23.08 22.71 22.39 22.71  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 105.66% 102.57% 106.91% 103.47% 103.48% 143.22% 138.68% 143.22% 138.68% 143.22%  | 0.211 0.237 0.178 Averaged s 4 Measured 0.712 0.625 0.625 0.985 1.020 1.020 0.556 0.985 0.710 0.158 0.148 0.068  | 0.252 0.280 0.213 0.213 0.213 0.213 0.213 0.213 0.703 0.668 0.502 0.668 1.029 1.078 1.102 0.929 1.078 1.022 0.929 0.771 0.759 0.219 0.212 0.120 0.540   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n8  NR n12  | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 1 50 RB Size 1 1 50 1 1 1 50 100 1 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 1 1   | 25 0 25 RB start 1 28 1 2 2 1 2 2 1 1 2 2 2 1 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Touch Right Tilt Left Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Left Touch Left Tilt Left Tilt Right Touch Right Tilt Left Touch Left Tilt  | Distance (mm)                   | 133222 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300 141300 141300   | 673 673 673 Freq. (MHz) 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1            | 23.50 24.50 23.50 Max. Raticel Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 22.73 Measured Avg. Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.37 22.37 22.39 22.71 23.08 22.94 23.08 22.94 23.08  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 105.68% 105.68% 105.68% 105.69% 103.04% 105.69% 103.04% 105.89% 143.22% 138.68% 143.22% 138.68% 143.28%  | 0.211 0.237 Averaged S Averaged S Averaged S 0.712 0.625 0.625 0.625 0.985 1.020 0.985 1.020 0.956 0.902 0.710 0.158 0.148 0.088 0.084 0.390 0.397 0.168   | 0.252 0.280 0.281 0.213 SAR over 19 kg) Reported 0.730 0.668 0.502 0.454 1.028 1.078 1.102 0.929 0.771 0.759 0.212 0.122 0.122 0.122 0.122 0.541 0.541  |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n8  | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 1 50 1 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 36 1 1 36 1 36   | 25 0 25 RB start 1 1 28 1 2 1 2 2 2 1 2 2 2 1 2 2 2 2 5 1 2 5 5 1 1 2 5 5 1 1 1 2 2 5 1 1 1 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Touch   | Distance (mm)                   | 133222 133222 133222 Channel 167800 167800 167800 167800 166800 167800 167800 167800 167800 1167800 1167800 1167800 1167800 1167800 1167800 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300 1147300  | 673 673 673 Freq. (M+z) 839 839 834 836.5 839 839 834 706.5 706.5 706.5 706.5 706.5   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dbm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.00 25. | 22.73 23.78 Measured Avg, Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.81 22.76 23.08 22.71 22.39 22.71  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 105.66% 102.57% 106.91% 103.47% 103.48% 143.22% 138.68% 143.22% 138.68% 143.22%  | 0.211 0.237 0.178 Averaged s 4 Measured 0.712 0.625 0.625 0.985 1.020 1.020 0.556 0.985 0.710 0.158 0.148 0.068  | 0.252 0.280 0.213 0.213 0.213 0.213 0.213 0.213 0.703 0.668 0.502 0.668 1.029 1.078 1.102 0.929 1.078 1.022 0.929 0.771 0.759 0.219 0.212 0.120 0.540   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n12  | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 1 50 1 50 1 1 50 1 1 1 1 50 1 1 1 50 1 50 | 25 0 25 RB start 1 1 28 1 1 22 2 1 1 22 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 2 1 1 22 2 2 1 1 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Tilt Left Touch Left Tilt Left Touch Left Tilt Left Tilt Left Tilt  | Distance (mm)                   | 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 | 673 673 673 773 Freq. (MHz) 839 839 834 836.5 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max, Raind Ayg, Power + Max, Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.89 22.71 22.81 22.76 22.89 22.71 22.81 22.76 22.89 22.71 22.30 22.94 23.08 22.94 23.08 22.94 23.09 22.94 23.09  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 104.47% 105.68% 102.57% 106.91% 103.04% 102.57% 108.91% 133.68% 143.22% 138.68% 143.22% 138.68% 143.22%  | 0.211 0.237 0.178 Averaged 5 Averaged 5 0.712 0.025 0.025 0.425 0.985 1.020 0.356 0.985 0.965 0.752 0.710 0.158 0.168 0.084 0.390 0.3377 0.168   | 0.252 0.280 0.213 0.213 0.219 0.219 0.668 0.502 0.668 0.502 1.029 1.078 1.022 0.220 0.271 0.759 0.219 0.212 0.120 0.541 0.541 0.540 0.233 0.226   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n12   | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 50 1 50 1 50 1 1 50 1 1 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 1  | 25 0 25 RB start 1 28 1 2 2 1 1 22 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Touch Right Tilt Left Touch Right Tilt Left Touch Left Touch Left Touch Left Touch Left Touch Left Touch Left Tilt Left Tilt Right Touch Right Tilt Left Touch Left Tilt  | - Distance (mm)                 | 133222 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147300   | 673 673 673 Freq. (MHz) Freq. (MHz) 839 839 839 839 834 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                    | 23.50 24.50 23.50 Max. Raticel Avg. Power + Max. Toterance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 102.57% 105.91% 103.04% 102.57% 103.04   | 0.211 0.237 Averaged S Averaged S Averaged S 0.712 0.625 0.625 0.625 0.985 1.020 0.985 1.020 0.956 0.902 0.710 0.158 0.148 0.088 0.084 0.390 0.390 0.390 0.158   | 0.252 0.280 0.281 0.213 SAR over 19 (Reported 0.730 0.668 0.502 0.454 1.028 1.078 1.102 0.929 0.771 0.759 0.212 0.122 0.122 0.541 0.541 0.540 0.230   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n12  | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 1 50 1 50 1 1 1 1 50 1 1 1 50 1 1 1 50 1 50 1 | 25 0 25 RB start 1 1 28 1 1 22 2 1 1 22 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 1 1 22 2 2 1 1 22 2 2 1 1 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Tilt Left Touch Left Tilt Left Touch Left Tilt Left Tilt Left Tilt  | Distance (mm)                   | 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 | 673 673 673 773 Freq. (MHz) 839 839 834 836.5 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max, Raind Ayg, Power + Max, Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.89 22.71 22.81 22.76 22.89 22.71 22.81 22.76 22.89 22.71 22.30 22.94 23.08 22.94 23.08 22.94 23.09 22.94 23.09  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 104.47% 105.68% 102.57% 106.91% 103.04% 102.57% 108.91% 133.68% 143.22% 138.68% 143.22% 138.68% 143.22%  | 0.211 0.237 0.178 Averaged 5 Averaged 5 0.712 0.025 0.025 0.425 0.985 1.020 0.356 0.985 0.965 0.752 0.710 0.158 0.168 0.084 0.390 0.3377 0.168   | 0.252 0.280 0.213 0.213 0.219 0.219 0.668 0.502 0.668 0.502 1.029 1.078 1.022 0.220 0.271 0.759 0.219 0.212 0.120 0.541 0.541 0.540 0.233 0.226   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n12   | (MHz) 20MHz         | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 50 1 50 1 50 1 50 1 1 50 1 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 36 1 1 36 1 1 36 1 1 36 1 1 36 1 1  | 25 0 25 RB start 1 28 1 2 2 1 1 22 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Touch Left Tilt Left Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Tilt Right Tilt Left Touch Left Tilt Right Tilt Left Tilt Right Tilt Right Tilt Left Tilt Right Tilt Left Tilt Right Touch   | - Distance (mm)                 | 133222 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147300   | 673 673 673 Freq. (MHz) Freq. (MHz) 839 839 839 839 834 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                    | 23.50 24.50 23.50 Max. Raticel Avg. Power + Max. Toterance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.71 22.89 22.71 22.81 22.76 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 102.57% 105.91% 103.04% 102.57% 103.04   | 0.211 0.237 Averaged S Averaged S Averaged S 0.712 0.625 0.625 0.625 0.985 1.020 0.985 1.020 0.956 0.902 0.710 0.158 0.148 0.088 0.084 0.390 0.390 0.390 0.158   | 0.252 0.280 0.281 0.213 SAR over 19 (Reported 0.730 0.668 0.502 0.454 1.028 1.078 1.102 0.929 0.771 0.759 0.212 0.122 0.122 0.541 0.541 0.540 0.230   |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n7  NR n7  NR n8  NR n8  NR n9  NR n9  NR n9  NR n9  NR n12   | (MHz)  20MHz  15MHz | SCS 15kHz<br>Pi/2 BPSK                           | 50 1 50 RB Size 1 1 50 50 1 1 50 50 1 1 1 50 10 50 10 10 10 10 10 10 36 11 36 11 36 11 36 11 36 10 10 10 10 10 10 10 10 10 10 10 10 10  | 25 0 25 RB start 1 28 1 1 1 28 1 1 1 1 28 1 1 1 28 1 1 1 2 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Tilt Left Tilt Right Tilt Right Touch Right Touch Left Touch Right Touch Right Touch Right Touch Right Touch  | Distance (mm)                   | 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800               | 673 673 673 673 Freq. (MHz) 839 839 839 834 836.5 839 839 834 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 23.08 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08  | 119.40% 118.03% 119.40% Scaling 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 104.47% 105.68% 102.57% 106.91% 104.47% 105.68% 102.57% 106.91% 103.04% 102.57% 106.91% 103.04% 103.04% 103.04% 103.04% 103.04% 104.32% 138.66% 143.22% 138.66% 143.22% 138.66% 143.22% 120.78%  | 0.211 0.237 0.178 Averaged \$1 0.712 0.729 0.712 0.025 0.489 0.489 1.100 0.965 1.100 0.966 0.752 0.710 0.158 0.148 0.084 0.084 0.084 0.084 0.084 0.084 0.086 0.086 0.086 0.086 0.086 0.086 0.088 0.086 0.088 0.088 0.088 0.088 | 0.252 0.280 0.281 0.281 0.281 0.281 0.281 0.281 0.668 0.502 0.454 1.029 1.078 1.022 0.771 0.759 0.219 0.212 0.122 0.120 0.540 0.540 0.233 0.233   |                   |
| LTE Band 71  LTE Band 71  LTE Band 71  Mode  NR n5  NR n71  NR n71  NR n71  | (MHz) 20MHz         | SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK   | 50 1 50 RB Size 1 1 50 1 1 50 1 1 1 1 50 100 1 1 1 50 100 1 1 1 50 100 1 1 1 50 100 1 1 1 1   | 25 0 25 RB start 1 1 28 28 1 1 28 0 1 28 22 1 1 22 1 1 22 1 1 22 1 1 4 40 1 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Left Touch Left Tilt Right Touch  | Distance (mm)                   | 133222 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300 147300   | 673 673 673 673 Freq. (MHz) 839 839 839 834 836.5 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 706.5   | 1/2 1/2 1/2 1/2 1/2  DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1           | 23.50 24.50 24.50 23.50 Max, Raided Avg, Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50  | 22.73 23.78 Measured Avg. Power (dBm) 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.37 22.37 22.39 22.71 22.37 22.30 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 107.57% 108.91% 108.91% 108.91% 108.91% 108.91% 108.91% 108.91% 108.91% 108.91% 138.68% 143.22% 138.68% 143.22% 138.68% 143.22% 120.78%  | 0.211 0.237 0.178 Averaged st Averaged st 0.712 0.025 0.425 0.985 1.020 1.100 0.986 0.902 0.710 0.158 0.168 0.084 0.980 0.084 0.980 0.084 0.084 0.168 0.158  | 0.252 0.280 0.2813 0.2813 0.2813 0.287 0.280 0.213 0.280 0.213 0.280 0.280 0.502 0.502 0.502 0.502 0.502 0.502 0.502 0.771 0.759 0.219 0.212 0.120 0.541 0.540 0.233 0.226  |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n71  NR n12  NR n11 | (MHz)  20MHz  15MHz | SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK | 50 1 50 RB Size 1 1 50 50 1 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 1   | 25 0 25 RB start 1 1 28 1 28 1 1 1 28 0 1 1 28 1 1 28 1 1 1 28 1 1 1 1 1 28 1 1 1 1  | Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Tilt Left Touch Left Tilt Left Tilt Right Touch Right Touch Right Touch Left Tilt Right Tilt Left Touch Left Tilt Right Touch Left Tilt Right Touch Left Tilt Right Touch Right  |                                 | 133222 133222 133222 133222 Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147300  | 673 673 673 673 Freq. (MHz) 839 839 839 834 836.5 839 839 839 837 706.5 | 1/2 1/2 1/2 1/2  DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1               | 23.50 24.50 24.50 23.50 Max. Rated Ayg. Power + Max. Tolerance (dbm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg, Power (dBm) 22.89 22.71 22.89 22.71 22.81 22.76 22.99 22.71 22.81 22.76 23.08 22.94 23.08 23.53 23.68  | 119.40% 118.03% 119.40% Scaling 102.57% 106.91% 102.57% 106.91% 104.47% 105.68% 102.57% 106.91% 103.04% 103.04% 138.68% 143.22% 138.68% 143.22% 138.68% 143.22% 120.78% 120.78%  | 0.211 0.237 0.178 Averaged st Averaged st 0.712 0.772 0.625 0.625 0.625 0.985 1.020 0.985 1.020 0.752 0.710 0.158 0.148 0.084 0.084 0.084 0.084 0.084 0.084 0.084 0.084 0.084 0.084 0.084 0.088 0.088 0.088 0.088 0.088 0.088  | 0.252 0.280 0.281 0.280 0.213 SAR over 1g Reported 0.730 0.668 0.502 1.029 1.078 1.122 0.929 1.078 1.022 0.929 0.219 0.219 0.212 0.120 0.120 0.540 0.540 0.540 0.540 0.540 0.551  |                   |
| LTE Band 71  LTE Band 71  Mode  NR n5  NR n71  NR n12  NR n171  NR n71  NR n71  | (MHz)  20MHz  15MHz | SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK | 50 1 50 RB Size 50 1 1 50 50 1 1 1 1   | 25 0 25 RB start 1 28 1 1 28 1 1 1 28 1 1 22 2 1 1 22 2 1 1 22 2 1 1 40 1 40   | Left Touch Left Tilt Left Tilt Position  Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Tilt Left Tilt Left Tilt Right Touch Right Touch Left Touch Left Tilt Right Touch Right Touch Right Touch Right Touch Left Tilt Left Tilt Left Tilt Right Touch Right Tilt |                                 | 133222 133222 133222 Channel 167800 167800 167800 167800 168800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300 141300 141300 141300 141300 141300   | 673 673 673 673 Freq. (MHz) 839 839 834 836 839 839 837 839 839 839 839 839 839 839 839 839 839   | 1/2 1/2 1/2 DSI  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                    | 23.50 24.50 24.50 23.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50   | 22.73 23.78 Measured Avg. Power (dBm) 22.71 22.89 22.71 22.81 22.71 22.81 22.77 22.89 22.71 22.81 22.77 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 22.89 22.71 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94  | 119.40% 118.03% 119.40% 119.40% 119.40% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 102.57% 106.91% 108.68% 143.22% 143.22% 143.22% 143.22% 143.22% 145.23% 145.23% 145.23% 145.23%  | 0.211 0.237 0.178 Averaged \$1 0.179 Averaged \$1 0.712 0.025 0.489 0.425 0.985 1.020 0.752 0.710 0.158 0.168 0.084 0.088 0.084 0.380 0.377 0.168 0.158 0.158 0.158 0.158 0.158 0.158 0.158 0.158 0.158 0.158 0.158 0.158      | 0.252 0.280 0.281 0.283 0.280 0.213 0.280 0.213 0.668 0.502 0.454 1.029 1.072 1.072 0.771 0.759 0.219 0.212 0.122 0.122 0.122 0.120 0.541 0.540 0.540 0.528   | - ID ID           |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 503 of 939

# Head\_Ant3\_DSI2

| Mode        | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position    | Distance<br>(mm) | Channel | Freq. | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling |                  | SAR over 1g<br>/kg) | ID   |
|-------------|--------------------|------------|------------|-------------|-------------|------------------|---------|-------|-----|---------------------------------|------------------------|---------|------------------|---------------------|------|
|             | (IVITIZ)           |            | SIZE       | Stallt      |             | (11111)          |         | ` '   |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported            |      |
| LTE Band 5  |                    |            | 1          | 0           | Right Touch | -                | 20600   | 844   | 2   | 19.50                           | 19.48                  | 100.46% | 0.311            | 0.312               | -    |
| LTE Band 5  |                    |            | 25         | 12          | Right Touch | -                | 20600   | 844   | 2   | 18.50                           | 18.47                  | 100.69% | 0.275            | 0.277               | -    |
| LTE Band 5  |                    |            | 1          | 0           | Right Tilt  | -                | 20600   | 844   | 2   | 19.50                           | 19.48                  | 100.46% | 0.235            | 0.236               | -    |
| LTE Band 5  | 10MHz              | QPSK       | 25         | 25          | Right Tilt  | -                | 20600   | 844   | 2   | 18.50                           | 18.47                  | 100.69% | 0.191            | 0.192               | -    |
| LTE Band 5  | 1011112            | Q, O,      | 1          | 0           | Left Touch  | -                | 20600   | 844   | 2   | 19.50                           | 19.48                  | 100.46% | 0.563            | 0.566               | -    |
| LTE Band 5  |                    |            | 25         | 25          | Left Touch  | -                | 20600   | 844   | 2   | 18.50                           | 18.47                  | 100.69% | 0.467            | 0.470               | -    |
| LTE Band 5  |                    |            | 1          | 0           | Left Tilt   | -                | 20600   | 844   | 2   | 19.50                           | 19.48                  | 100.46% | 0.387            | 0.389               | -    |
| LTE Band 5  |                    |            | 25         | 25          | Left Tilt   | -                | 20600   | 844   | 2   | 18.50                           | 18.47                  | 100.69% | 0.323            | 0.325               | -    |
| LTE Band 17 |                    |            | 1          | 0           | Right Touch | -                | 23800   | 711   | 2   | 23.50                           | 22.95                  | 113.50% | 0.382            | 0.434               | -    |
| LTE Band 17 |                    |            | 25         | 25          | Right Touch | -                | 23800   | 711   | 2   | 22.50                           | 21.87                  | 115.61% | 0.277            | 0.320               | -    |
| LTE Band 17 |                    |            | 1          | 0           | Right Tilt  | -                | 23800   | 711   | 2   | 23.50                           | 22.95                  | 113.50% | 0.137            | 0.155               | -    |
| LTE Band 17 | 10MHz              | QPSK       | 25         | 50          | Right Tilt  | -                | 23800   | 711   | 2   | 22.50                           | 21.87                  | 115.61% | 0.101            | 0.117               | -    |
| LTE Band 17 | TUMHZ              | QPSK       | 1          | 0           | Left Touch  | -                | 23800   | 711   | 2   | 23.50                           | 22.95                  | 113.50% | 0.700            | 0.795               | -    |
| LTE Band 17 |                    |            | 25         | 50          | Left Touch  | -                | 23800   | 711   | 2   | 22.50                           | 21.87                  | 115.61% | 0.510            | 0.590               | -    |
| LTE Band 17 |                    |            | 1          | 0           | Left Tilt   | -                | 23800   | 711   | 2   | 23.50                           | 22.95                  | 113.50% | 0.229            | 0.260               | -    |
| LTE Band 17 |                    |            | 25         | 50          | Left Tilt   | -                | 23800   | 711   | 2   | 22.50                           | 21.87                  | 115.61% | 0.165            | 0.191               | -    |
|             |                    |            |            |             |             |                  |         |       |     |                                 |                        |         |                  |                     |      |
| LTE Band 26 |                    |            | 1          | 0           | Right Touch | -                | 26765   | 821.5 | 2   | 22.50                           | 22.40                  | 102.33% | 0.590            | 0.604               | -    |
| LTE Band 26 |                    |            | 36         | 25          | Right Touch | -                | 26865   | 831.5 | 2   | 21.50                           | 21.22                  | 106.66% | 0.477            | 0.509               | -    |
| LTE Band 26 |                    |            | 1          | 0           | Right Tilt  | -                | 26765   | 821.5 | 2   | 22.50                           | 22.40                  | 102.33% | 0.363            | 0.371               | -    |
| LTE Band 26 |                    |            | 36         | 25          | Right Tilt  | -                | 26865   | 831.5 | 2   | 21.50                           | 21.22                  | 106.66% | 0.291            | 0.310               | -    |
| LTE Band 26 |                    |            | 1          | 0           | Left Touch  | -                | 26765   | 821.5 | 2   | 22.50                           | 22.40                  | 102.33% | 0.855            | 0.875               | -    |
| LTE Band 26 | 15MHz              | QPSK       | 1          | 0           | Left Touch  | -                | 26865   | 831.5 | 2   | 22.50                           | 22.24                  | 106.17% | 0.831            | 0.882               | -    |
| LTE Band 26 |                    |            | 1          | 0           | Left Touch  | -                | 26965   | 841.5 | 2   | 22.50                           | 22.31                  | 104.47% | 0.804            | 0.840               | -    |
| LTE Band 26 |                    |            | 36         | 25          | Left Touch  | -                | 26865   | 831.5 | 2   | 21.50                           | 21.22                  | 106.66% | 0.715            | 0.763               | -    |
| LTE Band 26 |                    |            | 75         | RB          | Left Touch  | -                | 26765   | 821.5 | 2   | 21.50                           | 21.20                  | 107.15% | 0.704            | 0.754               | -    |
| LTE Band 26 |                    |            | 1          | 0           | Left Tilt   | -                | 26765   | 821.5 | 2   | 22.50                           | 22.40                  | 102.33% | 0.633            | 0.648               | -    |
| LTE Band 26 |                    |            | 36         | 25          | Left Tilt   | -                | 26865   | 831.5 | 2   | 21.50                           | 21.22                  | 106.66% | 0.529            | 0.564               | -    |
|             |                    |            |            |             |             |                  |         |       |     |                                 |                        |         |                  |                     |      |
| Mode        | Bandwidth          | Modulation | RB         | RB          | Position    | Distance         | Channel | Freq. | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | SAR over 1g         | ID   |
| Mode        | (MHz)              | Modulation | Size       | start       | Position    | (mm)             | Channel | (MHz) | DSI | Tolerance (dBm)                 | (dBm)                  | Scaling | Measured         | Reported            | , ID |
| NR n5       |                    |            | 1          | 1           | Right Touch | -                | 167800  | 839   | 2   | 19.00                           | 18.98                  | 100.46% | 0.289            | 0.290               | -    |
| NR n5       |                    |            | 50         | 28          | Right Touch | -                | 167800  | 839   | 2   | 19.00                           | 18.95                  | 101.16% | 0.277            | 0.280               | -    |
| NR n5       |                    | 1          | 1          | 1           | Right Tilt  | -                | 167800  | 839   | 2   | 19.00                           | 18.98                  | 100.46% | 0.185            | 0.186               | -    |
| NR n5       | 20MHz              | SCS 15kHz  | 50         | 28          | Right Tilt  | -                | 167800  | 839   | 2   | 19.00                           | 18.95                  | 101.16% | 0.175            | 0.177               | -    |
| NR n5       | ZUIVIHZ            | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 167800  | 839   | 2   | 19.00                           | 18.98                  | 100.46% | 0.440            | 0.442               | -    |
| NR n5       |                    |            | 50         | 28          | Left Touch  | -                | 167800  | 839   | 2   | 19.00                           | 18.95                  | 101.16% | 0.389            | 0.394               | -    |
| NR n5       |                    | 1          | 1          | 1           | Left Tilt   | -                | 167800  | 839   | 2   | 19.00                           | 18.98                  | 100.46% | 0.342            | 0.344               | -    |
| NR n5       |                    |            | 50         | 28          | Left Tilt   | -                | 167800  | 839   | 2   | 19.00                           | 18.95                  | 101.16% | 0.287            | 0.290               | -    |
|             |                    |            |            |             |             |                  |         |       |     |                                 |                        |         |                  |                     |      |
|             |                    |            |            |             | 1           | l                |         | 1     | 1   |                                 |                        |         |                  |                     | I    |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 504 of 939

## Head Ant4 DSI1

| TICAU_ATIL                 |                    | / 1 1      |            |             |                            |                  |                  |                  |          | Max. Rated Avg. | Measured               |                    | Averaged 9     | SAR over 1g    |             |
|----------------------------|--------------------|------------|------------|-------------|----------------------------|------------------|------------------|------------------|----------|-----------------|------------------------|--------------------|----------------|----------------|-------------|
| Mode                       | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position                   | Distance<br>(mm) | Channel          | Freq.<br>(MHz)   | DSI      | Power + Max.    | Measured<br>Avg. Power | Scaling            | (W             | /kg)           | ID          |
|                            | (WE1Z)             |            |            |             |                            | (IIIII)          |                  |                  |          | Tolerance (dBm) | (dBm)                  |                    | Measured       | Reported       |             |
| LTE Band 2<br>LTE Band 2   |                    |            | 1          | 0           | Right Touch                | -                | 18700<br>18900   | 1860<br>1880     | 1        | 22.50<br>22.50  | 22.33<br>22.34         | 103.99%            | 0.852<br>0.955 | 0.886          | -           |
| LTE Band 2                 |                    |            | 1          | 0           | Right Touch                | - :              | 19100            | 1900             | 1        | 22.50           | 22.46                  | 100.93%            | 1.020          | 1.029          | 073         |
| LTE Band 2                 |                    |            | 50         | 25          | Right Touch                |                  | 19100            | 1860             | 1        | 21.50           | 21.35                  | 103.51%            | 0.800          | 0.828          |             |
| LTE Band 2                 |                    |            | 10         |             | Right Touch                | -                | 18900            | 1880             | 1        | 21.50           | 21.29                  | 104.95%            | 0.785          | 0.824          | -           |
| LTE Band 2<br>LTE Band 2   | 20MHz              | QPSK       | 50         | 0<br>25     | Right Tilt<br>Right Tilt   | -                | 19100<br>19100   | 1900<br>1860     | 1        | 22.50<br>21.50  | 22.46<br>21.35         | 100.93%<br>103.51% | 0.755<br>0.611 | 0.762<br>0.632 |             |
| LTE Band 2                 |                    |            | 1          | 0           | Left Touch                 |                  | 19100            | 1900             | 1        | 22.50           | 22.46                  | 100.93%            | 0.579          | 0.584          |             |
| LTE Band 2                 | i                  |            | 50         | 25          | Left Touch                 | -                | 19100            | 1860             | 1        | 21.50           | 21.35                  | 103.51%            | 0.425          | 0.440          | -           |
| LTE Band 2                 |                    |            | 1          | 0           | Left Tilt                  |                  | 19100            | 1900             | 1        | 22.50           | 22.46                  | 100.93%            | 0.291          | 0.294          | -           |
| LTE Band 2                 |                    |            | 50         | 25          | Left Tilt                  | -                | 19100            | 1860             | 1        | 21.50           | 21.35                  | 103.51%            | 0.211          | 0.218          | -           |
| 2C                         |                    |            | 1          | 0           | Right Touch                | -                | 19100            | 1900             | 1        | 22.50           | 22.25                  | 105.93%            | 0.865          | 0.916          | -           |
| LTE Band 4                 |                    |            | 1          | 0           | Right Touch                |                  | 20050            | 1720             | 1        | 24.50           | 23.14                  | 136.77%            | 0.750          | 1.026          | -           |
| LTE Band 4                 | i                  |            | 1          | 0           | Right Touch                | -                | 20175            | 1732.5           | 1        | 24.50           | 23.53                  | 125.03%            | 0.823          | 1.029          | 074         |
| LTE Band 4                 |                    |            | 1          | 0           | Right Touch                |                  | 20300            | 1745             | 1        | 24.50           | 23.03                  | 140.28%            | 0.722          | 1.013          |             |
| LTE Band 4                 |                    |            | 50         | 0           | Right Touch                | -                | 20175            | 1732.5           | 1        | 23.50           | 22.41                  | 128.53%            | 0.636          | 0.817          |             |
| LTE Band 4<br>LTE Band 4   | 20MHz              | QPSK       | 100        | 0           | Right Touch<br>Right Tilt  |                  | 20175<br>20175   | 1732.5<br>1732.5 | 1        | 23.50<br>24.50  | 22.35<br>23.53         | 130.32%            | 0.620<br>0.637 | 0.808          | -           |
| LTE Band 4                 | ZUWITZ             | QFSK       | 50         | 0           | Right Tilt                 |                  | 20175            | 1732.5           | 1        | 23.50           | 22.41                  | 128.53%            | 0.487          | 0.626          | -           |
| LTE Band 4                 |                    |            | 1          | 0           | Left Touch                 |                  | 20175            | 1732.5           | 1        | 24.50           | 23.53                  | 125.03%            | 0.468          | 0.585          |             |
| LTE Band 4                 |                    |            | 50         | 0           | Left Touch                 | -                | 20175            | 1732.5           | 1        | 23.50           | 22.41                  | 128.53%            | 0.350          | 0.450          |             |
| LTE Band 4<br>LTE Band 4   |                    |            | 1 50       | 0           | Left Tilt<br>Left Tilt     |                  | 20175<br>20175   | 1732.5<br>1732.5 | 1        | 24.50<br>23.50  | 23.53<br>22.41         | 125.03%<br>128.53% | 0.254<br>0.194 | 0.318          | -           |
| LIE Band 4                 |                    |            | 50         | 0           | Left lift                  |                  | 20175            | 1/32.5           | 1        | 23.50           | 22.41                  | 128.53%            | 0.194          | 0.249          |             |
| LTE Band 7                 |                    |            | 1          | 0           | Right Touch                |                  | 20850            | 2510             | 1        | 23.00           | 22.90                  | 102.33%            | 1.100          | 1.126          | 075         |
| LTE Band 7                 | İ                  |            | 1          | 0           | Right Touch                |                  | 21100            | 2535             | 1        | 23.00           | 22.75                  | 105.93%            | 1.050          | 1.112          | -           |
| LTE Band 7                 | 1                  | l          | 1          | 0           | Right Touch                |                  | 21350            | 2560             | 1        | 23.00           | 22.75                  | 105.93%            | 0.956          | 1.013          |             |
| LTE Band 7                 | 1                  | l          | 50         | 50          | Right Touch                | -                | 20850            | 2510             | 1        | 22.00           | 21.79                  | 104.95%            | 0.865          | 0.908          |             |
| LTE Band 7<br>LTE Band 7   | 1                  | 1          | 100        | ORB 0       | Right Touch<br>Right Tilt  | -                | 20850<br>20850   | 2510<br>2510     | 1 1      | 22.00<br>23.00  | 21.73<br>22.90         | 106.41%<br>102.33% | 0.844<br>0.550 | 0.898<br>0.563 | -           |
| LTE Band 7                 | 20MHz              | QPSK       | 50         | 50          | Right Tilt                 |                  | 20850            | 2510             | 1        | 22.00           | 21.79                  | 102.33%            | 0.550          | 0.443          | -           |
| LTE Band 7                 | ]                  | 1          | - 1        | 0           | Left Touch                 | -                | 20850            | 2510             | 1        | 23.00           | 22.90                  | 102.33%            | 0.276          | 0.282          |             |
| LTE Band 7                 | 1                  | l          | 50         | 50          | Left Touch                 |                  | 20850            | 2510             | 1        | 22.00           | 21.79                  | 104.95%            | 0.221          | 0.232          | -           |
| LTE Band 7<br>LTE Band 7   | 1                  | l          | 50         | 0<br>50     | Left Tilt<br>Left Tilt     | -                | 20850<br>20850   | 2510<br>2510     | 1        | 23.00<br>22.00  | 22.90<br>21.79         | 102.33%            | 0.211<br>0.170 | 0.216<br>0.178 | -           |
| TE Band 7                  | 1                  | l          | 1          | 0           | Right Touch                |                  | 20850            | 2510<br>2510     | 1        | 22.00           | 21.79                  | 104.95%            | 0.170          | 0.178          | -           |
|                            |                    |            | <u> </u>   |             | g roudii                   |                  |                  |                  | <u> </u> |                 |                        |                    | 2.300          |                |             |
| LTE Band 25                |                    |            | - 1        | 0           | Right Touch                | -                | 26140            | 1860             | 1        | 23.00           | 22.81                  | 104.47%            | 1.020          | 1.066          | -           |
| LTE Band 25                | 4                  | 1          | 1          | 0           | Right Touch                |                  | 26365            | 1882.5           | 1        | 23.00           | 22.88                  | 102.80%            | 0.950          | 0.977          |             |
| LTE Band 25<br>LTE Band 25 | 1                  | l          | 50         | 50          | Right Touch<br>Right Touch | -                | 26590<br>26590   | 1905<br>1905     | 1        | 23.00<br>22.00  | 22.95<br>21.87         | 101.16%<br>103.04% | 1.100<br>0.875 | 1.113<br>0.902 | 076         |
| LTE Band 25                |                    | Hz QPSK    | 10         |             | Right Touch                |                  | 26590            | 1905             | 1        | 22.00           | 21.90                  | 102.33%            | 0.856          | 0.876          |             |
| LTE Band 25                | 20MHz              |            | 1          | 0           | Right Tilt                 | -                | 26590            | 1905             | 1        | 23.00           | 22.95                  | 101.16%            | 0.656          | 0.664          |             |
| LTE Band 25                |                    |            | 50         | 50          | Right Tilt                 |                  | 26590            | 1905             | 1        | 22.00           | 21.87                  | 103.04%            | 0.542          | 0.558          |             |
| LTE Band 25                |                    |            | 1          | 0           | Left Touch                 | -                | 26590            | 1905             | 1        | 23.00           | 22.95                  | 101.16%            | 0.351          | 0.355          | -           |
| LTE Band 25<br>LTE Band 25 |                    |            | 50         | 50          | Left Touch<br>Left Tilt    | -                | 26590<br>26590   | 1905<br>1905     | 1        | 22.00<br>23.00  | 21.87<br>22.95         | 103.04%<br>101.16% | 0.281          | 0.290          | -           |
| LTE Band 25                |                    |            | 50         | 50          | Left Tilt                  | -                | 26590            | 1905             | 1        | 22.00           | 21.87                  | 103.04%            | 0.271          | 0.279          |             |
|                            |                    |            |            |             |                            |                  |                  |                  |          |                 |                        |                    |                | 5.2.5          |             |
| LTE Band 30                |                    |            | - 1        | 0           | Right Touch                |                  | 27710            | 2310             | 1        | 24.00           | 23.43                  | 114.02%            | 1.020          | 1.163          | 077         |
| LTE Band 30                |                    |            | 25         | 12          | Right Touch                |                  | 27710            | 2310             | 1        | 23.00           | 22.28                  | 118.03%            | 0.902          | 1.065          | -           |
| LTE Band 30<br>LTE Band 30 |                    |            | 1          | RB<br>0     | Right Touch                | -                | 27710<br>27710   | 2310<br>2310     | 1        | 23.00<br>24.00  | 22.26<br>23.43         | 118.58%            | 0.845<br>0.512 | 1.002<br>0.584 | -           |
| LTE Band 30                | 10MHz              | QPSK       | 25         | 25          | Right Tilt<br>Right Tilt   | -                | 27710            | 2310             | 1        | 23.00           | 22.28                  | 118.03%            | 0.512          | 0.534          | -           |
| LTE Band 30                |                    |            | 1          | 0           | Left Touch                 | -                | 27710            | 2310             | 1        | 24.00           | 23.43                  | 114.02%            | 0.331          | 0.377          | -           |
| LTE Band 30                |                    |            | 25         | 25          | Left Touch                 | -                | 27710            | 2310             | 1        | 23.00           | 22.28                  | 118.03%            | 0.302          | 0.356          | -           |
| LTE Band 30                |                    |            | 1          | 0           | Left Tilt                  | -                | 27710            | 2310             | 1        | 24.00           | 23.43                  | 114.02%            | 0.293          | 0.334          | -           |
| LTE Band 30                |                    |            | 25         | 25          | Left Tilt                  |                  | 27710            | 2310             | 1        | 23.00           | 22.28                  | 118.03%            | 0.255          | 0.301          |             |
| LTE Band 66                |                    |            | 1          | 0           | Right Touch                |                  | 132072           | 1720             | 1        | 24.50           | 23.14                  | 136.77%            | 0.783          | 1.071          | 078         |
| LTE Band 66                | i                  |            | 1          | 0           | Right Touch                | -                | 132322           | 1745             | 1        | 24.50           | 23.05                  | 139.64%            | 0.722          | 1.008          |             |
| LTE Band 66                |                    |            | 1          | 0           | Right Touch                | -                | 132572           | 1770             | 1        | 24.50           | 22.95                  | 142.89%            | 0.733          | 1.047          | -           |
| LTE Band 66                |                    |            | 50         | 0           | Right Touch                | -                | 132072           | 1720             | 1        | 23.50           | 22.03                  | 140.28%            | 0.621          | 0.871          | -           |
| LTE Band 66<br>LTE Band 66 | 20MHz              | QPSK       | 100        | 0           | Right Touch<br>Right Tilt  | -                | 132072<br>132072 | 1720<br>1720     | 1        | 23.50<br>24.50  | 21.95<br>23.14         | 142.89%<br>136.77% | 0.603<br>0.568 | 0.862<br>0.777 | -           |
| LTE Band 66                | ZUWITZ             | QFSK       | 50         | 0           | Right Tilt                 | - :              | 132072           | 1720             | 1        | 23.50           | 22.03                  | 140.28%            | 0.421          | 0.591          |             |
| LTE Band 66                | i                  |            | 1          | 0           | Left Touch                 | -                | 132072           | 1720             | 1        | 24.50           | 23.14                  | 136.77%            | 0.328          | 0.449          |             |
| LTE Band 66                |                    |            | 50         | 0           | Left Touch                 | -                | 132072           | 1720             | 1        | 23.50           | 22.03                  | 140.28%            | 0.252          | 0.354          |             |
| LTE Band 66                |                    |            | 1          | 0           | Left Tilt                  | -                | 132072           | 1720             | 1        | 24.50           | 23.14                  | 136.77%            | 0.229          | 0.313          |             |
| LTE Band 66                | -                  | -          | 50         | 0           | Left Tilt                  | -                | 132072           | 1720             | 1        | 23.50           | 22.03                  | 140.28%            | 0.175          | 0.245          |             |
| LTE Band 38                | 1                  |            | 1          | 0           | Right Touch                | -                | 37850            | 2580             | 1        | 24.50           | 23.31                  | 131.52%            | 0.719          | 0.946          | -           |
| LTE Band 38                | 1                  | l          | 1          | 0           | Right Touch                | -                | 38000            | 2595             | 1        | 24.50           | 23.55                  | 124.45%            | 0.732          | 0.911          |             |
| LTE Band 38                | 1                  | l          | 1          | 0           | Right Touch                |                  | 38150            | 2610             | 1        | 24.50           | 23.62                  | 122.46%            | 0.758          | 0.928          | 079         |
| LTE Band 38<br>LTE Band 38 | ł                  | 1          | 50         | 0<br>DRB    | Right Touch<br>Right Touch | -                | 38150<br>38000   | 2610<br>2595     | 1 1      | 23.50<br>23.50  | 22.48<br>22.37         | 126.47%<br>129.72% | 0.533<br>0.519 | 0.674          | -           |
| LTE Band 38                | 20MHz              | QPSK       | 1          | 0           | Right Tilt                 |                  | 38150            | 2610             | 1        | 23.50           | 23.62                  | 129.72%            | 0.519          | 0.540          | -           |
| LTE Band 38                | 1                  | 1          | 50         | 0           | Right Tilt                 | -                | 38150            | 2610             | 1        | 23.50           | 22.48                  | 126.47%            | 0.338          | 0.427          |             |
| LTE Band 38                | 1                  | l          | 1          | 0           | Left Touch                 | -                | 38150            | 2610             | 1        | 24.50           | 23.62                  | 122.46%            | 0.186          | 0.228          | -           |
| LTE Band 38                | 1                  | 1          | 50         | 0           | Left Touch                 |                  | 38150            | 2610             | 1 1      | 23.50           | 22.48                  | 126.47%            | 0.138          | 0.175          | -           |
| LTE Band 38                | 1                  | l          | 50         | 0           | Left Tilt<br>Left Tilt     | -                | 38150<br>38150   | 2610<br>2610     | 1        | 24.50<br>23.50  | 23.62                  | 122.46%            | 0.107          | 0.131          | <del></del> |
| LIL DUNG 30                |                    |            |            | Ť           | Edit Int                   |                  | 20.00            | 20.0             | <u> </u> | 20.00           |                        |                    | 5.000          | 3.101          |             |
| LTE Band 41                |                    |            | - 1        | 0           | Right Touch                | -                | 39750            | 2506             | 1        | 24.50           | 23.47                  | 126.77%            | 0.638          | 0.809          | -           |
| LTE Band 41                | 1                  | l          | 1          | 0           | Right Touch                |                  | 40185            | 2549.5           | 1        | 24.50           | 23.41                  | 128.53%            | 0.652          | 0.838          | -           |
| LTE Band 41<br>LTE Band 41 | 1                  | l          | 1          | 0           | Right Touch<br>Right Touch | -                | 40620<br>41055   | 2593<br>2636.5   | 1 1      | 24.50<br>24.50  | 23.55<br>23.59         | 124.45%<br>123.31% | 0.664<br>0.718 | 0.826<br>0.885 | - 080       |
| LTE Band 41                | 1                  | l          | 1          | 0           | Right Touch                | -                | 41055            | 2636.5           | 1        | 24.50           | 23.59                  | 123.31%            | 0.718          | 0.885          | - 080       |
| LTE Band 41                | 1                  | 1          | 50         | 25          | Right Touch                |                  | 41055            | 2636.5           | 1        | 23.50           | 22.51                  | 125.60%            | 0.559          | 0.702          |             |
| LTE Band 41                | 20MHz              | QPSK       |            | ORB         | Right Touch                | -                | 41490            | 2680             | 1        | 23.50           | 22.41                  | 128.53%            | 0.529          | 0.680          |             |
| LTE Band 41                |                    |            | 1          | 0           | Right Tilt                 | -                | 41055            | 2636.5           | 1        | 24.50           | 23.59                  | 123.31%            | 0.427          | 0.527          | -           |
| LTE Band 41<br>LTE Band 41 | 1                  | l          | 50         | 25<br>0     | Right Tilt<br>Left Touch   | -                | 41055<br>41055   | 2636.5<br>2636.5 | 1 1      | 23.50<br>24.50  | 22.51<br>23.59         | 125.60%<br>123.31% | 0.328<br>0.181 | 0.412<br>0.223 | -           |
| LTE Band 41                | 1                  | l          | 50         | 25          | Left Touch                 | -                | 41055            | 2636.5           | 1        | 23.50           | 22.51                  | 125.60%            | 0.142          | 0.223          | -           |
| LTE Band 41                | 1                  | l          | 1          | 0           | Left Tilt                  |                  | 41055            | 2636.5           | 1        | 24.50           | 23.59                  | 123.31%            | 0.075          | 0.092          | -           |
| LTE Band 41                | 1                  | l          | 50         | 25          | Left Tilt                  | -                | 41055            | 2636.5           | 1        | 23.50           | 22.51                  | 125.60%            | 0.058          | 0.073          | -           |
| 41C                        |                    |            | 1          | 0           | Right Touch                |                  | 2506             | 39750            | 1        | 24.50           | 23.36                  | 130.02%            | 0.612          | 0.796          | -           |
| LTE Band 42                |                    |            | 1          | 0           | Right Touch                | -                | 41690            | 3410             | 1        | 24.50           | 23.32                  | 131.22%            | 0.628          | 0.824          | -           |
| LTE Band 42                | 1                  | l          | 1          | 0           | Right Touch                | -                | 42590            | 3500             | 1        | 24.50           | 23.48                  | 126.47%            | 0.652          | 0.825          | 081         |
| LTE Band 42                | ]                  | 1          | - 1        | 0           | Right Touch                |                  | 43490            | 3590             | 1        | 24.50           | 23.41                  | 128.53%            | 0.617          | 0.793          | -           |
| LTE Band 42                | 1                  | l          | 50         | 25          | Right Touch                |                  | 42590            | 3500             | 1        | 23.50           | 22.42                  | 128.23%            | 0.532          | 0.682          | -           |
| LTE Band 42<br>LTE Band 42 | 1                  | l          | 100        | ORB 0       | Right Touch<br>Right Tilt  | -                | 42590<br>42590   | 3500<br>3500     | 1        | 23.50<br>24.50  | 22.46<br>23.48         | 127.06%<br>126.47% | 0.054          | 0.069          | -           |
| LTE Band 42<br>LTE Band 42 | 20MHz              | QPSK       | 50         | 25          | Right Tilt                 | -                | 42590<br>42590   | 3500             | 1        | 24.50           | 23.48                  | 126.47%            | 0.364          | 0.460          | -           |
| LTE Band 42                | 1                  | l          | 1          | 0           | Left Touch                 |                  | 42590            | 3500             | 1        | 24.50           | 23.48                  | 126.47%            | 0.152          | 0.192          | -           |
| LTE Band 42                | 1                  | 1          | 50         | 25          | Left Touch                 |                  | 42590            | 3500             | 1        | 23.50           | 22.42                  | 128.23%            | 0.115          | 0.147          |             |
| LTE Band 42                | 1                  | l          | 1 50       | 0           | Left Tilt                  | -                | 42590            | 3500             | 1        | 24.50           | 23.48                  | 126.47%            | 0.127          | 0.161          |             |
| LTE Band 42<br>42C         | 1                  | l          | 50         | 25<br>0     | Left Tilt<br>Right Touch   | -                | 42590<br>43490   | 3500<br>3590     | 1 1      | 23.50<br>24.50  | 22.42<br>23.20         | 128.23%<br>134.90% | 0.100<br>0.512 | 0.128<br>0.691 | -           |
| 42U                        | i                  | 1          |            | U           | ragin (duch                |                  | 45480            | JUBU             |          | 24.0U           | 20.2U                  | 134.90%            | 0.312          | 0.081          |             |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 505 of 939

| Mode                         | Bandwidth | Modulation             | RB         | RB       | Position                   | Distance | Channel          | Freq.              | DSI      | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | Averaged S<br>(W. |                | ID                                  |
|------------------------------|-----------|------------------------|------------|----------|----------------------------|----------|------------------|--------------------|----------|---------------------------------|------------------------|--------------------|-------------------|----------------|-------------------------------------|
|                              | (MHz)     | Modulation             | Size       | start    |                            | (mm)     |                  | (MHz)              |          | Tolerance (dBm)                 | (dBm)                  | · ·                | Measured          | Reported       | ID.                                 |
| NR n2<br>NR n2               |           |                        | 1 1        | 1        | Right Touch                | -        | 372000<br>376000 | 1860<br>1880       | 1        | 23.50<br>23.50                  | 23.30<br>23.49         | 104.71%            | 1.020             | 1.068          | - 082                               |
| NR n2                        |           |                        | 1          | 1        | Right Touch                |          | 380000           | 1900               | 1        | 23.50                           | 23.49                  | 100.23%            | 0.966             | 0.970          | - 002                               |
| NR n2                        |           |                        | 50         | 28       | Right Touch                |          | 376000           | 1880               | - 1      | 23.50                           | 23.39                  | 102.57%            | 0.986             | 1.011          | -                                   |
| NR n2<br>NR n2               | 20MHz     | SCS 15kHz              | 100        | 0        | Right Touch<br>Right Tilt  | -        | 380000<br>376000 | 1900<br>1880       | 1 1      | 23.00<br>23.50                  | 22.96<br>23.49         | 100.93%<br>100.23% | 0.869<br>0.672    | 0.877<br>0.674 | -                                   |
| NR n2                        | ZOWITZ    | PV2 BPSK               | 50         | 28       | Right Tilt                 | -        | 376000           | 1880               | 1        | 23.50                           | 23.39                  | 102.57%            | 0.642             | 0.658          |                                     |
| NR n2                        |           |                        | - 1        | 1        | Left Touch                 |          | 376000           | 1880               | - 1      | 23.50                           | 23.49                  | 100.23%            | 0.538             | 0.539          | -                                   |
| NR n2<br>NR n2               |           |                        | 50         | 28       | Left Touch<br>Left Tilt    | -        | 376000<br>376000 | 1880<br>1880       | 1        | 23.50<br>23.50                  | 23.39<br>23.49         | 102.57%<br>100.23% | 0.512<br>0.271    | 0.525<br>0.272 | -                                   |
| NR n2                        |           |                        | 50         | 28       | Left Tilt                  |          | 376000           | 1880               | 1        | 23.50                           | 23.39                  | 102.57%            | 0.255             | 0.262          |                                     |
|                              |           |                        |            |          |                            |          |                  |                    |          |                                 |                        |                    |                   |                |                                     |
| NR n7<br>NR n7               |           |                        | 1 1        | 1        | Right Touch<br>Right Touch | -        | 504000<br>507000 | 2520<br>2535       | 1 1      | 24.00<br>24.00                  | 23.95<br>23.82         | 101.16%<br>104.23% | 1.070<br>0.988    | 1.082          | 083                                 |
| NR n7                        |           |                        | 1          | 1        | Right Touch                |          | 510000           | 2550               | 1        | 24.00                           | 23.86                  | 103.28%            | 1.010             | 1.043          |                                     |
| NR n7                        |           |                        | 108        | 54       | Right Touch                |          | 504000           | 2520               | 1        | 24.00                           | 23.85                  | 103.51%            | 0.956             | 0.990          |                                     |
| NR n7<br>NR n7               | 40MHz     | SCS 15kHz              | 216        | 0        | Right Touch<br>Right Tilt  | -        | 504000<br>504000 | 2520<br>2520       | 1 1      | 23.50<br>24.00                  | 23.41                  | 102.09%<br>101.16% | 0.866             | 0.884          |                                     |
| NR n7                        |           | PI/2 BPSK              | 108        | 54       | Right Tilt                 | -        | 504000           | 2520               | 1        | 24.00                           | 23.85                  | 103.51%            | 0.576             | 0.596          | -                                   |
| NR n7                        |           |                        | 1          | 1        | Left Touch                 | -        | 504000           | 2520               | 1        | 24.00                           | 23.95                  | 101.16%            | 0.477             | 0.483          | -                                   |
| NR n7                        |           |                        | 108        | 54       | Left Touch<br>Left Tilt    |          | 504000<br>504000 | 2520<br>2520       | 1        | 24.00<br>24.00                  | 23.85<br>23.95         | 103.51%<br>101.16% | 0.445             | 0.461          |                                     |
| NR n7                        |           |                        | 108        | 54       | Left Tilt                  |          | 504000           | 2520               | 1        | 24.00                           | 23.85                  | 103.51%            | 0.375             | 0.388          | -                                   |
| NR n25                       |           |                        | 1          | 1        | Right Touch                |          | 374000           | 1870               | 1        | 23.50                           | 23.46                  | 100.93%            | 0.816             | 0.824          |                                     |
| NR n25                       |           |                        | 1          | 1        | Right Touch                |          | 376500           | 1882.5             | 1        | 23.50                           | 23.46                  | 100.93%            | 0.831             | 0.837          |                                     |
| NR n25                       |           |                        | - 1        | - 1      | Right Touch                | -        | 379000           | 1895               | 1        | 23.50                           | 23.45                  | 101.16%            | 0.897             | 0.907          | 084                                 |
| NR n25<br>NR n25             | -         |                        | 108<br>108 | 54<br>54 | Right Touch                | -        | 374000<br>376500 | 1870<br>1882.5     | 1 1      | 23.50<br>23.50                  | 23.43<br>23.20         | 101.62%<br>107.15% | 0.855             | 0.869<br>0.856 | $\vdash$ $\vdash$ $\vdash$ $\vdash$ |
| NR n25                       | 1         |                        | 108        | 54       | Right Touch<br>Right Touch |          | 376500           | 1882.5             | 1        | 23.50                           | 23.20                  | 107.15%            | 0.799             | 0.855          | $\vdash$                            |
| NR n25                       | 40MHz     | SCS 15kHz<br>Pl/2 BPSK | 216        | 0        | Right Touch                | -        | 376500           | 1882.5             | 1        | 23.00                           | 22.92                  | 101.86%            | 0.779             | 0.793          | -                                   |
| NR n25<br>NR n25             | -         |                        | 1 108      | 1 54     | Right Tilt<br>Right Tilt   | -        | 376500<br>379000 | 1882.5<br>1895     | 1        | 23.50<br>23.50                  | 23.47<br>23.44         | 100.69%            | 0.655<br>0.612    | 0.660<br>0.621 | -                                   |
| NR n25<br>NR n25             | 1         |                        | 108        | 1        | Right Tilt<br>Left Touch   | -        | 379000<br>376500 | 1895<br>1882.5     | 1        | 23.50<br>23.50                  | 23.44                  | 101.39%            | 0.612             | 0.621          | <del></del>                         |
| NR n25                       | ]         |                        | 108        | 54       | Left Touch                 | -        | 379000           | 1895               | 1        | 23.50                           | 23.44                  | 101.39%            | 0.518             | 0.525          | -                                   |
| NR n25<br>NR n25             | -         |                        | 1 108      | 1 54     | Left Tilt<br>Left Tilt     | -        | 376500<br>379000 | 1882.5<br>1895     | 1        | 23.50<br>23.50                  | 23.47                  | 100.69%            | 0.248             | 0.250<br>0.236 | -                                   |
| INT FIZO                     |           |                        | 100        | - 04     | Leit III                   |          | 318000           |                    | <u> </u> |                                 | 23.44                  | 101.39%            | 0.233             | 0.230          |                                     |
| NR n66                       |           |                        | 1          | 1        | Right Touch                | -        | 346000           | 1730               | 1        | 24.50                           | 23.38                  | 129.42%            | 0.728             | 0.942          | 085                                 |
| NR n66<br>NR n66             |           |                        | 1 1        | 1        | Right Touch<br>Right Touch |          | 349000<br>352000 | 1745<br>1760       | 1        | 24.50<br>24.50                  | 23.26                  | 133.05%            | 0.701             | 0.933          |                                     |
| NR n66                       | j         |                        | 108        | 54       | Right Touch                |          | 346000           | 1730               | 1        | 24.50                           | 23.35                  | 135.21%            | 0.722             | 0.932          |                                     |
| NR n66                       |           | SCS 15kHz              | 216        | 0        | Right Touch                |          | 346000           | 1730               | 1        | 24.00                           | 22.82                  | 131.22%            | 0.625             | 0.820          |                                     |
| NR n66<br>NR n66             | 40MHz     | PV2 BPSK               | 108        | 1<br>54  | Right Tilt<br>Right Tilt   | -        | 346000<br>346000 | 1730<br>1730       | 1        | 24.50<br>24.50                  | 23.38<br>23.19         | 129.42%<br>135.21% | 0.583<br>0.552    | 0.755<br>0.746 | -                                   |
| NR n66                       |           |                        | 1          | 1        | Left Touch                 |          | 346000           | 1730               | 1        | 24.50                           | 23.38                  | 129.42%            | 0.426             | 0.551          | -                                   |
| NR n66                       |           |                        | 108        | 54       | Left Touch                 |          | 346000           | 1730               | 1        | 24.50                           | 23.19                  | 135.21%            | 0.409             | 0.553          |                                     |
| NR n66<br>NR n66             |           |                        | 1 108      | 1<br>54  | Left Tilt<br>Left Tilt     | -        | 346000<br>346000 | 1730<br>1730       | 1 1      | 24.50<br>24.50                  | 23.38<br>23.19         | 129.42%<br>135.21% | 0.365             | 0.472<br>0.457 |                                     |
| THETHOO                      |           |                        | 100        |          | EUR TIK                    |          | 540000           | 1700               |          | 24.50                           | 20.10                  | 100.21%            | 0.000             | 0.407          |                                     |
| NR n38                       |           |                        | 1          | 1        | Right Touch                |          | 518000           | 2590               | 1        | 23.50                           | 23.35                  | 103.51%            | 0.986             | 1.021          |                                     |
| NR n38<br>NR n38             | -         |                        | 1 1        | 1 1      | Right Touch<br>Right Touch | - :      | 519000<br>520000 | 2595<br>2600       | 1 1      | 23.50<br>23.50                  | 23.37<br>23.50         | 103.04%            | 1.020             | 1.051          | 086                                 |
| NR n38                       |           |                        | 50         | 25       | Right Touch                | -        | 520000           | 2600               | 1        | 23.50                           | 23.36                  | 103.28%            | 0.968             | 1.000          | -                                   |
| NR n38                       | 40MHz     | SCS 30kHz              | 100        | 0        | Right Touch                | -        | 520000           | 2600               | 1        | 23.00                           | 22.94                  | 101.39%            | 0.921             | 0.934          |                                     |
| NR n38<br>NR n38             | 40MHz     | PV2 BPSK               | 50         | 25       | Right Tilt<br>Right Tilt   |          | 520000<br>520000 | 2600<br>2600       | 1        | 23.50<br>23.50                  | 23.50<br>23.36         | 100.00%<br>103.28% | 0.530<br>0.512    | 0.530<br>0.529 |                                     |
| NR n38                       |           |                        | 1          | 1        | Left Touch                 | -        | 520000           | 2600               | 1        | 23.50                           | 23.50                  | 100.00%            | 0.380             | 0.380          | -                                   |
| NR n38<br>NR n38             |           |                        | 50         | 25       | Left Touch                 | -        | 520000<br>520000 | 2600<br>2600       | 1 1      | 23.50<br>23.50                  | 23.36<br>23.50         | 103.28%            | 0.356             | 0.368          | -                                   |
| NR n38                       |           |                        | 50         | 1<br>25  | Left Tilt<br>Left Tilt     | -        | 520000           | 2600               | 1        | 23.50                           | 23.50                  | 100.00%            | 0.201             | 0.201          | -                                   |
|                              |           |                        |            |          |                            |          |                  |                    |          |                                 |                        |                    |                   |                |                                     |
| NR n41<br>NR n41             |           |                        | 1 1        | 1 1      | Right Touch                | -        | 509202           | 2546.01<br>2592.99 | 1 1      | 23.00                           | 22.94<br>22.83         | 101.39%            | 1.090             | 1.105          | 087                                 |
| NR n41                       |           |                        | 1          | 1        | Right Touch<br>Right Touch |          | 518598<br>528000 | 2640               | 1        | 23.00                           | 22.03                  | 103.99%            | 1.000             | 1.092          |                                     |
| NR n41                       |           |                        | 135        | 69       | Right Touch                |          | 528000           | 2640               | 1        | 23.00                           | 22.83                  | 103.99%            | 0.986             | 1.025          | -                                   |
| NR n41<br>NR n41             | 100MHz    | SCS 30kHz              | 270        | 0        | Right Touch<br>Right Tilt  | -        | 528000<br>509202 | 2640<br>2546.01    | 1        | 22.50<br>23.00                  | 22.41<br>22.94         | 102.09%<br>101.39% | 0.925<br>0.542    | 0.944<br>0.550 | -                                   |
| NR n41                       | TOURITZ   | PV2 BPSK               | 135        | 69       | Right Tilt                 |          | 528000           | 2640               | 1        | 23.00                           | 22.83                  | 103.99%            | 0.523             | 0.544          |                                     |
| NR n41                       |           |                        | 1          | 1        | Left Touch                 |          | 509202           | 2546.01            | 1        | 23.00                           | 22.94                  | 101.39%            | 0.486             | 0.493          | -                                   |
| NR n41<br>NR n41             | 1         |                        | 135        | 69       | Left Touch<br>Left Tilt    | -        | 528000<br>509202 | 2640<br>2546.01    | 1 1      | 23.00<br>23.00                  | 22.83<br>22.94         | 103.99%            | 0.480             | 0.499          |                                     |
| NR n41                       |           | <u></u> _              | 135        | 69       | Left Tilt                  |          | 528000           | 2640               | 1        | 23.00                           | 22.83                  | 103.99%            | 0.215             | 0.224          | -                                   |
|                              |           |                        |            |          | District.                  |          |                  |                    |          |                                 |                        | 44                 |                   |                |                                     |
| NR n77                       | 1         |                        | 1          | 1        | Right Touch<br>Right Touch | -        | 650000<br>652400 | 3750<br>3786       | 1        | 21.00<br>21.00                  | 20.47<br>20.98         | 112.98%<br>100.46% | 0.865<br>1.020    | 0.977<br>1.025 | 088                                 |
| NR n77                       | 1         |                        | 1          | 1        | Right Touch                | -        | 654800           | 3822               | 1        | 21.00                           | 20.47                  | 112.98%            | 0.786             | 0.888          | -                                   |
| NR n77<br>NR n77             | -         |                        | 1 1        | 1        | Right Touch<br>Right Touch | -        | 657200<br>659600 | 3858<br>3894       | 1 1      | 21.00<br>21.00                  | 20.56<br>20.88         | 110.66%<br>102.80% | 0.955<br>0.869    | 1.057<br>0.893 | $\vdash$                            |
| NR n77                       | 1         |                        | 1          | 1        | Right Touch                | -        | 662000           | 3930               | 1        | 21.00                           | 20.79                  | 104.95%            | 0.912             | 0.957          |                                     |
| NR n77                       | 100MHz    | SCS 30kHz              | 135        | 69       | Right Touch                | -        | 652400           | 3786               | 1        | 21.00                           | 20.40                  | 114.82%            | 0.899             | 1.032          | -                                   |
| NR n77                       |           | PI/2 BPSK              | 270        | 0        | Right Touch<br>Right Tilt  | -        | 662000<br>652400 | 3930<br>3786       | 1 1      | 20.50                           | 20.29                  | 104.95%<br>100.46% | 0.812<br>0.512    | 0.852<br>0.514 |                                     |
| NR n77                       | 1         |                        | 135        | 69       | Right Tilt                 |          | 652400           | 3786               | 1        | 21.00                           | 20.98                  | 114.82%            | 0.512             | 0.514          |                                     |
| NR n77                       | 1         |                        | - 1        | 1        | Left Touch                 | -        | 652400           | 3786               | 1        | 21.00                           | 20.98                  | 100.46%            | 0.352             | 0.354          | -                                   |
| NR n77<br>NR n77             | -         |                        | 135        | 69       | Left Touch<br>Left Tilt    | -        | 652400<br>652400 | 3786<br>3786       | 1 1      | 21.00<br>21.00                  | 20.40<br>20.98         | 114.82%<br>100.46% | 0.312             | 0.358<br>0.252 |                                     |
| NR n//<br>NR n77             | 1         |                        | 135        | 69       | Left Tilt                  | -        | 652400           | 3786               | 1        | 21.00                           | 20.98                  | 114.82%            | 0.251             | 0.252          | -                                   |
|                              |           |                        |            |          |                            |          |                  |                    |          |                                 |                        |                    |                   |                |                                     |
| NR n77 & n78<br>NR n77 & n78 | 1         |                        | 1 135      | 1 138    | Right Touch<br>Right Touch | -        | 633334<br>633334 | 3500.01<br>3500.01 | 1        | 21.00<br>20.50                  | 20.95<br>20.41         | 101.16%<br>102.09% | 1.050<br>0.912    | 1.062<br>0.931 | 089                                 |
| NR n77 & n78                 | İ         |                        | 270        | 0        | Right Touch                | -        | 633334           | 3500.01            | 1        | 20.50                           | 20.15                  | 108.39%            | 0.962             | 1.043          | -                                   |
| NR n77 & n78                 | 400       | SCS 30kHz              | 1          | 1        | Right Tilt                 | -        | 633334           | 3500.01            | 1        | 21.00                           | 20.95                  | 101.16%            | 0.631             | 0.638          | -                                   |
| NR n77 & n78<br>NR n77 & n78 | 100MHz    | PI/2 BPSK              | 135        | 138      | Right Tilt<br>Left Touch   | -        | 633334<br>633334 | 3500.01<br>3500.01 | 1        | 20.50                           | 20.41                  | 102.09%<br>101.16% | 0.599             | 0.612<br>0.389 | -                                   |
| NR n77 & n78                 | 1         |                        | 135        | 138      | Left Touch                 |          | 633334           | 3500.01            | 1        | 20.50                           | 20.41                  | 102.09%            | 0.345             | 0.352          |                                     |
| NR n77 & n78<br>NR n77 & n78 | -         |                        | 1 125      | 1        | Left Tilt                  | -        | 633334           | 3500.01            | 1        | 21.00                           | 20.95                  | 101.16%            | 0.221             | 0.224          | -                                   |
| NR 11/ & 1/8                 |           |                        | 135        | 138      | Left Tilt                  | <u> </u> | 633334           | 3500.01            | 1        | 20.50                           | 20.41                  | 102.09%            | 0.211             | 0.215          |                                     |
| NR n78                       |           |                        | 1          | 1        | Right Touch                | -        | 650000           | 3750               | 1        | 21.00                           | 20.98                  | 100.46%            | 1.150             | 1.155          | 090                                 |
| NR n78<br>NR n78             | -         |                        | 135<br>270 | 138      | Right Touch<br>Right Touch | -        | 650000<br>650000 | 3750<br>3750       | 1 1      | 20.50<br>20.50                  | 20.48<br>20.22         | 100.46%<br>106.66% | 1.020<br>0.986    | 1.025<br>1.052 |                                     |
| NR n78<br>NR n78             | ł         |                        | 270        | 1        | Right Touch<br>Right Tilt  | -        | 650000<br>650000 | 3750<br>3750       | 1        | 20.50                           | 20.22                  | 106.66%            | 0.986             | 1.052<br>0.823 | -                                   |
| NR n78                       | 100MHz    | SCS 30kHz              | 135        | 138      | Right Tilt                 | -        | 650000           | 3750               | 1        | 20.50                           | 20.48                  | 100.46%            | 0.741             | 0.744          | -                                   |
| NR n78<br>NR n78             | TOOMITIE  | PI/2 BPSK              | 270        | 0        | Right Tilt<br>Left Touch   | -        | 650000<br>650000 | 3750<br>3750       | 1        | 20.50<br>21.00                  | 20.22                  | 106.66%<br>100.46% | 0.712             | 0.759          |                                     |
| NR n78<br>NR n78             | ł         |                        | 1 135      | 1 138    | Left Touch<br>Left Touch   | -        | 650000<br>650000 | 3750<br>3750       | 1        | 21.00<br>20.50                  | 20.98                  | 100.46%            | 0.495             | 0.497          | -                                   |
| NR n78                       | 1         |                        | 1          | 1        | Left Tilt                  | -        | 650000           | 3750               | 1        | 21.00                           | 20.98                  | 100.46%            | 0.381             | 0.383          | -                                   |
| NR n78                       |           |                        | 135        | 138      | Left Tilt                  | -        | 650000           | 3750               | 1        | 20.50                           | 20.48                  | 100.46%            | 0.342             | 0.344          |                                     |
|                              | I .       | 1                      | I .        |          | l .                        | 1        | 1                | 1                  | I        | I                               | 1                      |                    |                   | i .            | i l                                 |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 506 of 939

### Head Ant4 DSI2

| neau_Ant4_                 | DSIZ               | 1          | 1          | 1           |                            | 1                |                  | 1                |     |                                 |                        |                    |                |                     |  |
|----------------------------|--------------------|------------|------------|-------------|----------------------------|------------------|------------------|------------------|-----|---------------------------------|------------------------|--------------------|----------------|---------------------|--|
| Mode                       | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position                   | Distance<br>(mm) | Channel          | Freq.<br>(MHz)   | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | (W             | SAR over 1g<br>/kg) | ID   |
| LTE Pand 2                 | , ,                |            | 1          | _           | Dight Tough                | . ,              | 10100            | 1000             | 2   | Tolerance (dBm)                 | (dBm)                  | 101 169/           | Measured       | Reported            |  |
| LTE Band 2<br>LTE Band 2   | +                  |            | 50         | 50          | Right Touch<br>Right Touch | -                | 19100<br>19100   | 1900<br>1860     | 2   | 18.50<br>17.50                  | 18.45<br>17.44         | 101.16%<br>101.39% | 0.415<br>0.356 | 0.420<br>0.361      | <del></del>                                      |
| LTE Band 2                 | -                  |            | 1          | 0           | Right Tilt                 | -                | 19100            | 1900             | 2   | 18.50                           | 18.45                  | 101.16%            | 0.336          | 0.279               | -  |
| LTE Band 2                 | 1                  |            | 50         | 50          | Right Tilt                 | -                | 19100            | 1860             | 2   | 17.50                           | 17.44                  | 101.39%            | 0.224          | 0.227               | -  |
| LTE Band 2                 | 20MHz              | QPSK       | 1          | 0           | Left Touch                 | -                | 19100            | 1900             | 2   | 18.50                           | 18.45                  | 101.16%            | 0.311          | 0.315               | -  |
| LTE Band 2                 |                    |            | 50         | 50          | Left Touch                 | -                | 19100            | 1860             | 2   | 17.50                           | 17.44                  | 101.39%            | 0.250          | 0.253               | -  |
| LTE Band 2                 |                    |            | 1          | 0           | Left Tilt                  | -                | 19100            | 1900             | 2   | 18.50                           | 18.45                  | 101.16%            | 0.145          | 0.147               | -  |
| LTE Band 2                 |                    |            | 50         | 50          | Left Tilt                  | -                | 19100            | 1860             | 2   | 17.50                           | 17.44                  | 101.39%            | 0.115          | 0.117               | -  |
|                            |                    |            |            |             |                            |                  |                  |                  |     |                                 |                        |                    |                |                     |  |
| LTE Band 4                 | 4                  |            | 1          | 0           | Right Touch                | -                | 20175            | 1732.5           | 2   | 20.00                           | 19.99                  | 100.23%            | 0.359          | 0.360               | -  |
| LTE Band 4<br>LTE Band 4   | -                  |            | 50         | 25          | Right Touch                | -                | 20175            | 1732.5           | 2   | 19.00                           | 18.98<br>19.99         | 100.46%<br>100.23% | 0.285<br>0.277 | 0.286               | -  |
| LTE Band 4                 | +                  |            | 50         | 0<br>25     | Right Tilt<br>Right Tilt   | -                | 20175<br>20175   | 1732.5<br>1732.5 | 2   | 20.00<br>19.00                  | 18.98                  | 100.23%            | 0.277          | 0.278<br>0.226      | -  |
| LTE Band 4                 | 20MHz              | QPSK       | 1          | 0           | Left Touch                 | -                | 20175            | 1732.5           | 2   | 20.00                           | 19.99                  | 100.46%            | 0.225          | 0.226               | -  |
| LTE Band 4                 | +                  |            | 50         | 25          | Left Touch                 |                  | 20175            | 1732.5           | 2   | 19.00                           | 18.98                  | 100.46%            | 0.143          | 0.144               | -  |
| LTE Band 4                 | -                  |            | 1          | 0           | Left Tilt                  | -                | 20175            | 1732.5           | 2   | 20.00                           | 19.99                  | 100.23%            | 0.089          | 0.089               | -  |
| LTE Band 4                 | 7                  |            | 50         | 25          | Left Tilt                  | -                | 20175            | 1732.5           | 2   | 19.00                           | 18.98                  | 100.46%            | 0.065          | 0.065               | -  |
|                            |                    |            |            |             |                            |                  |                  |                  |     |                                 |                        |                    |                |                     |  |
| LTE Band 7                 |                    |            | 1          | 0           | Right Touch                | -                | 20850            | 2510             | 2   | 21.00                           | 20.93                  | 101.62%            | 0.722          | 0.734               | -  |
| LTE Band 7                 |                    |            | 50         | 25          | Right Touch                | -                | 20850            | 2510             | 2   | 20.00                           | 19.88                  | 102.80%            | 0.573          | 0.589               | -  |
| LTE Band 7                 | _                  |            | 1          | 0           | Right Tilt                 | -                | 20850            | 2510             | 2   | 21.00                           | 20.93                  | 101.62%            | 0.355          | 0.361               | -  |
| LTE Band 7                 | 20MHz              | QPSK       | 50         | 25          | Right Tilt                 | -                | 20850            | 2510             | 2   | 20.00                           | 19.88                  | 102.80%            | 0.279          | 0.287               |  |
| LTE Band 7                 | 4                  |            | 1          | 0           | Left Touch                 | -                | 20850            | 2510             | 2   | 21.00                           | 20.93                  | 101.62%            | 0.178          | 0.181               | -  |
| LTE Band 7                 | 4                  |            | 50         | 25          | Left Touch                 | -                | 20850            | 2510             | 2   | 20.00                           | 19.88                  | 102.80%            | 0.146          | 0.150               | -  |
| LTE Band 7<br>LTE Band 7   | +                  |            | 50         | 0<br>25     | Left Tilt<br>Left Tilt     | -                | 20850<br>20850   | 2510<br>2510     | 2   | 21.00<br>20.00                  | 20.93<br>19.88         | 101.62%<br>102.80% | 0.136<br>0.113 | 0.138<br>0.116      | -  |
| LIE BARG /                 | +                  |            | 30         | 20          | Leit IIII                  | <u> </u>         | 20800            | 2010             |     | 20.00                           | 19.55                  | 102.80%            | 0.113          | U.110               |  |
| LTE Band 25                | +                  |            | 1          | 0           | Right Touch                | -                | 26590            | 1905             | 2   | 18.50                           | 18.48                  | 100.46%            | 0.405          | 0.407               | -  |
| LTE Band 25                | ┪                  |            | 50         | 25          | Right Touch                | -                | 26590            | 1905             | 2   | 17.50                           | 17.48                  | 100.46%            | 0.320          | 0.321               | -  |
| LTE Band 25                | 7                  |            | 1          | 0           | Right Tilt                 |                  | 26590            | 1905             | 2   | 18.50                           | 18.48                  | 100.46%            | 0.270          | 0.271               | -  |
| LTE Band 25                |                    |            | 50         | 25          | Right Tilt                 | -                | 26590            | 1905             | 2   | 17.50                           | 17.48                  | 100.46%            | 0.211          | 0.212               | -  |
| LTE Band 25                | 20MHz              | QPSK       | 1          | 0           | Left Touch                 | -                | 26590            | 1905             | 2   | 18.50                           | 18.48                  | 100.46%            | 0.311          | 0.312               | -  |
| LTE Band 25                |                    |            | 50         | 25          | Left Touch                 | -                | 26590            | 1905             | 2   | 17.50                           | 17.48                  | 100.46%            | 0.244          | 0.245               | -  |
| LTE Band 25                |                    |            | 1          | 0           | Left Tilt                  | -                | 26590            | 1905             | 2   | 18.50                           | 18.48                  | 100.46%            | 0.152          | 0.153               | -  |
| LTE Band 25                |                    |            | 50         | 25          | Left Tilt                  | -                | 26590            | 1905             | 2   | 17.50                           | 17.48                  | 100.46%            | 0.112          | 0.113               | -  |
|                            |                    |            |            |             |                            |                  |                  |                  |     |                                 |                        |                    |                |                     |  |
| LTE Band 30                | 4                  |            | 1          | 0           | Right Touch                | -                | 27710            | 2310             | 2   | 19.00                           | 18.97                  | 100.69%            | 0.362          | 0.365               | -  |
| LTE Band 30<br>LTE Band 30 | 4                  |            | 25         | 12          | Right Touch                | -                | 27710<br>27710   | 2310<br>2310     | 2   | 18.00<br>19.00                  | 17.89<br>18.97         | 102.57%<br>100.69% | 0.311          | 0.319               | -  |
| LTE Band 30                | -                  |            | 25         | 25          | Right Tilt<br>Right Tilt   | -                | 27710            | 2310             | 2   | 18.00                           | 17.89                  | 100.69%            | 0.182          | 0.183               | -  |
| LTE Band 30                | 10MHz              | QPSK       | 1          | 0           | Left Touch                 | -                | 27710            | 2310             | 2   | 19.00                           | 18.97                  | 102.57%            | 0.141          | 0.145               | -  |
| LTE Band 30                | +                  |            | 25         | 25          | Left Touch                 |                  | 27710            | 2310             | 2   | 18.00                           | 17.89                  | 102.57%            | 0.101          | 0.104               | -  |
| LTE Band 30                | -                  |            | 1          | 0           | Left Tilt                  | -                | 27710            | 2310             | 2   | 19.00                           | 18.97                  | 100.69%            | 0.105          | 0.106               | -  |
| LTE Band 30                | 7                  |            | 25         | 25          | Left Tilt                  | -                | 27710            | 2310             | 2   | 18.00                           | 17.89                  | 102.57%            | 0.085          | 0.087               | -  |
|                            |                    |            |            |             |                            |                  |                  |                  |     |                                 |                        |                    |                |                     |  |
| LTE Band 66                |                    |            | 1          | 0           | Right Touch                | -                | 132072           | 1720             | 2   | 20.00                           | 19.98                  | 100.46%            | 0.380          | 0.382               | -  |
| LTE Band 66                |                    |            | 50         | 50          | Right Touch                | -                | 132072           | 1720             | 2   | 19.00                           | 18.98                  | 100.46%            | 0.326          | 0.328               | -  |
| LTE Band 66                |                    |            | 1          | 0           | Right Tilt                 | -                | 132072           | 1720             | 2   | 20.00                           | 19.98                  | 100.46%            | 0.275          | 0.276               | -  |
| LTE Band 66                | 20MHz              | QPSK       | 50         | 50          | Right Tilt                 | -                | 132072           | 1720             | 2   | 19.00                           | 18.98                  | 100.46%            | 0.225          | 0.226               | -  |
| LTE Band 66                |                    |            | 1          | 0           | Left Touch                 | -                | 132072           | 1720             | 2   | 20.00                           | 19.98                  | 100.46%            | 0.185          | 0.186               | -  |
| LTE Band 66<br>LTE Band 66 | 4                  |            | 50         | 50          | Left Touch<br>Left Tilt    | -                | 132072<br>132072 | 1720<br>1720     | 2   | 19.00<br>20.00                  | 18.98<br>19.98         | 100.46%<br>100.46% | 0.155<br>0.125 | 0.156<br>0.126      | -  |
| LTE Band 66                | -                  |            | 50         | 50          | Left Tilt                  | -                | 132072           | 1720             | 2   | 19.00                           | 18.98                  | 100.46%            | 0.102          | 0.120               | -  |
| ETE BAILG GO               |                    |            | 30         | 30          | Left filt                  | -                | 132072           | 1720             | -   | 18.00                           | 10.30                  | 100.4070           | 0.102          | 0.102               | <del></del>                                      |
| LTE Band 38                | +                  |            | 1          | 0           | Right Touch                | -                | 38150            | 2610             | 2   | 23.50                           | 23.42                  | 101.86%            | 0.758          | 0.772               |  |
| LTE Band 38                | 1                  |            | 50         | 0           | Right Touch                | -                | 38150            | 2610             | 2   | 22.50                           | 22.28                  | 105.20%            | 0.533          | 0.561               | <u> </u>   |
| LTE Band 38                | 1                  |            | 1          | 0           | Right Tilt                 | -                | 38150            | 2610             | 2   | 23.50                           | 23.42                  | 101.86%            | 0.441          | 0.449               | -  |
| LTE Band 38                | 20MHz              | QPSK       | 50         | 0           | Right Tilt                 |                  | 38150            | 2610             | 2   | 22.50                           | 22.28                  | 105.20%            | 0.338          | 0.356               | -  |
| LTE Band 38                | ZUIVIHZ            | QP3K       | 1          | 0           | Left Touch                 | -                | 38150            | 2610             | 2   | 23.50                           | 23.42                  | 101.86%            | 0.186          | 0.189               | -  |
| LTE Band 38                | _                  |            | 50         | 0           | Left Touch                 | -                | 38150            | 2610             | 2   | 22.50                           | 22.28                  | 105.20%            | 0.138          | 0.145               | -  |
| LTE Band 38                | 4                  |            | 1          | 0           | Left Tilt                  | -                | 38150            | 2610             | 2   | 23.50                           | 23.42                  | 101.86%            | 0.107          | 0.109               |  |
| LTE Band 38                |                    |            | 50         | 0           | Left Tilt                  | -                | 38150            | 2610             | 2   | 22.50                           | 22.28                  | 105.20%            | 0.080          | 0.084               | -  |
| LTT Door I 44              |                    |            | 4          |             | Dista Tours                |                  | 44055            | 0000 5           | -   | 04.00                           | 00.50                  | 400.000            | 0.740          | 0.700               |  |
| LTE Band 41                | 4                  |            | 50         | 0           | Right Touch                | -                | 41055            | 2636.5           | 2   | 24.00<br>23.00                  | 23.59                  | 109.90%            | 0.718<br>0.559 | 0.789               | -  |
| LTE Band 41<br>LTE Band 41 | +                  |            | 50         | 25<br>0     | Right Touch<br>Right Tilt  | -                | 41055<br>41055   | 2636.5<br>2636.5 | 2   | 23.00                           | 22.51<br>23.59         | 111.94%<br>109.90% | 0.559          | 0.626<br>0.469      | -  |
| LTE Band 41                | +                  |            | 50         | 25          | Right Tilt                 | <u> </u>         | 41055            | 2636.5           | 2   | 23.00                           | 22.51                  | 111.94%            | 0.427          | 0.469               | <del>                                     </del> |
| LTE Band 41                | 20MHz              | QPSK       | 1          | 0           | Left Touch                 | -                | 41055            | 2636.5           | 2   | 24.00                           | 23.59                  | 109.90%            | 0.320          | 0.199               | -  |
| LTE Band 41                | ┪                  |            | 50         | 25          | Left Touch                 | -                | 41055            | 2636.5           | 2   | 23.00                           | 22.51                  | 111.94%            | 0.142          | 0.159               | -  |
| LTE Band 41                | 7                  |            | 1          | 0           | Left Tilt                  | -                | 41055            | 2636.5           | 2   | 24.00                           | 23.59                  | 109.90%            | 0.075          | 0.082               | -  |
| LTE Band 41                | 7                  |            | 50         | 25          | Left Tilt                  | -                | 41055            | 2636.5           | 2   | 23.00                           | 22.51                  | 111.94%            | 0.058          | 0.065               | -  |
|                            |                    |            |            |             |                            |                  |                  |                  |     |                                 |                        |                    |                |                     |  |
| LTE Band 42                |                    |            | 1          | 0           | Right Touch                | -                | 42590            | 3500             | 2   | 24.00                           | 23.48                  | 112.72%            | 0.652          | 0.735               | -  |
| LTE Band 42                | 4                  |            | 50         | 25          | Right Touch                | -                | 42590            | 3500             | 2   | 23.00                           | 22.42                  | 114.29%            | 0.532          | 0.608               | -  |
| LTE Band 42                | 1                  |            | 1          | 0           | Right Tilt                 | -                | 42590            | 3500             | 2   | 24.00                           | 23.48                  | 112.72%            | 0.364          | 0.410               | -  |
| LTE Band 42                | 20MHz              | QPSK       | 50         | 25          | Right Tilt                 | -                | 42590            | 3500             | 2   | 23.00                           | 22.42                  | 114.29%            | 0.289          | 0.330               | -  |
| LTE Band 42                | 4                  |            | 1          | 0           | Left Touch                 | -                | 42590            | 3500             | 2   | 24.00                           | 23.48                  | 112.72%            | 0.152          | 0.171               | -  |
| LTE Band 42                | 4                  |            | 50         | 25          | Left Touch                 | -                | 42590            | 3500             | 2   | 23.00                           | 22.42                  | 114.29%            | 0.115          | 0.131               | -  |
| LTE Band 42                | 4                  |            | 1          | 0           | Left Tilt                  | -                | 42590            | 3500             | 2   | 24.00                           | 23.48                  | 112.72%            | 0.127          | 0.143               |  |
| LTE Band 42                | 1                  | I          | 50         | 25          | Left Tilt                  |                  | 42590            | 3500             | 2   | 23.00                           | 22.42                  | 114.29%            | 0.100          | 0.114               | -  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 507 of 939

| Mary      |              | Bandwidth |             | RB       | RB       |             | Distance |         | Freq.   |     | Max. Rated Avg.                 | Measured            |          |        | SAR over 1g |  |
|--|--------------|-----------|-------------|----------|----------|-------------|----------|---------|---------|-----|---------------------------------|---------------------|----------|--------|-------------|--|
| Mind      | Mode         |           | Modulation  | Size     | start    | Position    |          | Channel | (MHz)   | DSI | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm) | Scaling  |        |             | ID   |
| 1  | NR n2        |           |             | 1        | 1        | Right Touch | -        | 376000  | 1880    | 2   | 20.00                           | 19.95               | 101.16%  | 0.480  | 0.486       | -  |
| Marco  | NR n2        |           |             | 50       | 28       | Right Touch | -        | 376000  | 1880    | 2   | 20.00                           | 19.92               | 101.86%  | 0.450  | 0.458       | -  |
| MAC    |              | 1         | 1           | 1        | 1        |             | -        |         |         | 2   |                                 |                     |          |        |             | -  |
| March   Marc   | NR n2        |           | SCS 15kHz   | 50       | 28       | Right Tilt  | -        | 376000  | 1880    | 2   | 20.00                           | 19.92               | 101.86%  | 0.310  | 0.316       | -  |
| Marco  | NR n2        | 2UMHZ     |             | 1        | 1        | Left Touch  | -        | 376000  | 1880    | 2   | 20.00                           | 19.95               | 101.16%  | 0.245  | 0.248       | -  |
| Marco  | NR n2        | 1         |             | 50       | 28       | Left Touch  | -        | 376000  | 1880    | 2   | 20.00                           | 19.92               | 101.86%  | 0.231  | 0.235       | -  |
| Month   Mont   |              | 1         |             |          |          |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| Heart   Hear   |              | †         |             | 50       | 28       |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| Marco   Marc   |              |           |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Marco   Marc   | NR n7        |           |             | 1        | 1        | Right Touch |          | 504000  | 2520    | 2   | 22.50                           | 22.45               | 101 16%  | 0.766  | 0.775       | -  |
| Marco   Marc   |              | 1         |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Marco   Marc   |              | +         |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Marco  |              | -         |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Minor   Mino   |              | 40MHz     | SCS 15kHz   |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Marco  |              | 1         | PI/2 BPSK   |          |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| March   Marc   |              | 4         |             | 108      |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| Marcol   M   |              |           |             | 1        |          |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| Min  | NR n7        |           |             | 108      | 54       | Left Tilt   | -        | 504000  | 2520    | 2   | 22.50                           | 22.45               | 101.16%  | 0.275  | 0.278       | -  |
| Min  |              |           |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| New Color  | NR n25       |           |             | 1        | 108      | Right Touch | -        | 376500  | 1882.5  | 2   | 20.00                           | 19.90               | 102.33%  | 0.377  | 0.386       | -  |
| New Color  | NR n25       | 7         | 1           | 108      | 54       | Right Touch | -        | 379000  | 1895    | 2   | 20.00                           | 19.86               | 103.28%  | 0.384  | 0.397       | -  |
| Min  | NR n25       | 1         | 1           | 1        | 108      | _           | -        | 376500  | 1882.5  | 2   | 20.00                           | 19.90               | 102.33%  | 0.293  | 0.300       | -  |
| Min color  | NR n25       | 1         | SCS 15kH7   | 108      |          |             | -        | 379000  |         | 2   | 20.00                           | 19.86               | 103.28%  | 0.273  | 0.282       | -  |
| Min    |              | 40MHz     |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Min  |              | 1         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Mile   |              | +         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| Mile      |              | +         | 1           |          |          |             |          | 0.0000  |         | _   |                                 |                     |          |        |             |  |
| NR - 100   | INIT. FIZO   |           | -           | 108      | 54       | Leit IIII   | <u> </u> | 319000  | 1990    |     | 20.00                           | 18.80               | 103.26%  | U. 1U0 | 0.109       | <del></del>                                      |
| NR - 100   | 110.00       | 1         |             | <b>—</b> | <u> </u> |             |          |         |         |     |                                 |                     |          |        |             |  |
| MR   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| MR   MR   MR   MR   MR   MR   MR   MR  |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| MR 1400   MR 1   | NR n66       |           |             |          |          | Right Tilt  | -        |         |         | 2   |                                 |                     | 100.69%  |        |             | -  |
| MR-106   M   |              | 40ML      |             | 108      | 54       |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR66   | NR n66       | 4UMHZ     | Pi/2 BPSK   | 1        | 1        | Left Touch  | -        | 346000  | 1730    | 2   | 21.50                           | 21.47               | 100.69%  | 0.276  | 0.278       | -  |
| NR -066   NR -   | NR n66       | 1         |             | 108      | 54       | Left Touch  | -        | 346000  | 1730    | 2   | 21.50                           | 21.42               | 101.86%  | 0.277  | 0.282       | -  |
| NR - 108    | NR n66       | 1         |             | 1        | 1        |             | -        | 346000  | 1730    | 2   | 21.50                           | 21.47               | 100.69%  | 0.211  | 0.212       | -  |
| NR COSID    |              | †         |             | 108      | 54       |             | -        |         |         | 2   |                                 |                     |          |        |             | -  |
| NR 108   N   |              | 1         |             |          | T        |             |          |         |         |     |                                 |                     |          |        |             | 1  |
| NR 108   N   | NR n29       | <u> </u>  |             | - 1      | -1       | Right Touch |          | 520000  | 2600    | 2   | 22.00                           | 21.05               | 101 16%  | 0.756  | 0.765       |  |
| NR NR NR NR NR NR NR NR NR NR NR NR NR   |              | 4         | 1           |          |          | -           |          |         |         |     |                                 |                     |          |        |             |  |
| NR 188   N   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR 1838   NR 1   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR 1/8 NR |              | 40MHz     |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR 103   |              | 1         | Pi/2 BPSK   |          | 1        |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR 0.08   NR 0   |              | 1         | 1           |          |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR n41   |              | 1         | 1           |          |          |             | -        |         |         | 2   |                                 |                     |          |        |             | -  |
| NR 141   N   | NR n38       | 1         | 1           | 50       | 25       | Left Tilt   | -        | 520000  | 2600    | 2   | 22.00                           | 21.92               | 101.86%  | 0.135  | 0.138       | -  |
| NR 141   N   |              |           |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR 141   N   | NR n41       |           |             | 1        | 1        | Right Touch | -        | 509202  | 2546.01 | 2   | 21.50                           | 21.44               | 101.39%  | 0.751  | 0.761       | -  |
| NR NA1   |              | †         |             | 135      | 69       |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR n41   N   |              | +         |             | 1        |          | -           |          |         |         |     |                                 |                     |          |        |             |  |
| NR NR 141   NR N   |              | +         |             | 105      | · ·      |             |          |         |         |     |                                 |                     |          |        |             | -  |
| NR n41   N   |              | 100MHz    |             | 135      | 69       |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR n41   |              | 4         | T UZ DI GIC | 1        | 1        |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR n77   NR n78   NR n77 & n78   N   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n77   NR n78   N   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n77   NR n77   NR n77   NR n77   NR n78   NR n77 & n78   NR n78   N   | NR n41       |           |             | 135      | 69       | Left Tilt   | -        | 528000  | 2640    | 2   | 21.50                           | 21.33               | 103.99%  | 0.158  | 0.164       | -  |
| NR n77   NR n77   NR n77   NR n77   NR n78   NR n77 & n78   NR n78   N   |              |           |             |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n77   NR n77   NR n77   NR n78   N   | NR n77       |           |             | 1        | 1        | Right Touch | -        | 652400  | 3786    | 2   | 17.00                           | 16.99               | 100.23%  | 0.408  | 0.409       | -  |
| NR n77   NR n77   NR n78   NR n77 & n78   NR n   | NR n77       |           | 1           | 135      | 69       |             | -        | 652400  | 3786    | 2   | 17.00                           | 16.87               | 103.04%  | 0.411  | 0.423       | -  |
| NR n77   NR n78   NR n77 & n78   NR n78   N   | NR n77       | 7         | 1           | 1        | 1        |             | -        | 652400  | 3786    | 2   |                                 | 16.99               | 100.23%  | 0.205  | 0.205       | -  |
| NR n77   NR n78   NR n77   n78   NR n   |              | 1         | SCS 30kHz   |          | 69       |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR n77   NR n78   NR n77   n78   NR n   |              | 100MHz    |             |          |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   NR n77   NR n78   N   |              | †         | 1           |          |          |             | <u> </u> |         |         |     |                                 |                     |          |        |             |  |
| NR n77 a n78   NR n78   NR n   |              | 1         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n77 8 n78     NR n78 n78     NR n78 n78     NR n78 n78     NR n7   |              | 1         | 1           |          |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR n77 8 n78   | NK II//      | -         |             | 135      | 69       | Lett IIIt   | <u> </u> | 002400  | 3/80    | - 4 | 17.00                           | 10.87               | 103.04%  | 0.098  | 0.101       | <del>  </del> -                                  |
| NR n77 8 n78   |              |           |             |          |          |             |          | *****   |         |     |                                 |                     |          |        |             | -  |
| NR n77 & n78   NR n77 & n78   NR n77 & n78   |              | 4         | 1           | 1        |          |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR n77 & n78   NR n77 & n78   NR n77 & n78   |              | 4         | 1           | 135      | 69       |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| NR n77 å n78 NR n77 å n78 NR n77 å n78 NR n77 å n78 NR n77 å n78 NR n78  | NR n77 & n78 | 1         | 1           | 1        | 1        | Right Tilt  | -        | 633334  | 3500.01 | 2   | 17.00                           | 16.98               | 100.46%  | 0.254  | 0.255       | -  |
| NR n77 & n78   NR n78   NR n78   NR n78   NR n78   | NR n77 & n78 | 1005411-  |             | 135      | 69       | Right Tilt  | -        | 633334  | 3500.01 | 2   | 17.00                           | 16.96               | 100.93%  | 0.243  | 0.245       | -  |
| NR n77 & n78   NR n77 & n78   NR n77 & n78   NR n78  | NR n77 & n78 | TOUMHZ    | Pi/2 BPSK   | 1        | 1        |             | -        | 633334  | 3500.01 | 2   | 17.00                           | 16.98               | 100.46%  | 0.155  | 0.156       | -  |
| NR n77 & n78   |              | 1         | 1           | 135      | 69       |             | -        |         |         |     |                                 |                     |          |        |             |  |
| NR n78   135   69   Left Tilt   -   633334   3500.01   2   17.00   16.96   100.93%   0.086   0.087   -   |              | 1         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n78 NR n78 10MHz  |              | 1         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n78   |              |           |             | .55      | 35       | con IIII    | <u> </u> | 000004  | 0000.01 | -   | 00                              | 10.80               | 100.0070 | 0.000  | 0.007       | <del>                                     </del> |
| NR n78   | ND -70       | 1         |             |          | _        | Dight T     |          | 650000  | 2750    | _   | 17.00                           | 10.04               | 404 200/ | 0.400  | 0.400       | 1  |
| NR n78   NR n78   NR n78   NR n78   SCS 30Hz   Fl/2 BPSK   1   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n78 NR n78   100MHz   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             |  |
| NR n78   |              | 4         | 1           |          |          |             |          |         |         |     |                                 |                     |          |        |             | 1  |
| NR n78 PUZ BPOK 1 1 1 Left Touch - 650000 3750 2 17.00 16.94 101.39% 0.198 0.201 - NR n78 135 69 Left Touch - 650000 3750 2 17.00 16.94 101.39% 0.198 0.201 - NR n78 11 1 Left Tilt - 650000 3750 2 17.00 16.94 101.39% 0.152 0.154 -  | NR n78       | 100MH*    |             | 135      | 69       | Right Tilt  | -        | 650000  | 3750    | 2   |                                 | 16.72               | 106.66%  | 0.296  | 0.316       | -  |
| NR n78 1 1 Left Titt - 650000 3750 2 17.00 16.94 101.39% 0.152 0.154 -   | NR n78       | IOUIVITZ  | Pi/2 BPSK   | 1        | 1        | Left Touch  | -        | 650000  | 3750    | 2   | 17.00                           | 16.94               | 101.39%  | 0.198  | 0.201       | -  |
| NR n78 1 1 Left Titt - 650000 3750 2 17.00 16.94 101.39% 0.152 0.154 -   | NR n78       | 7         | 1           | 135      | 69       | Left Touch  | -        | 650000  | 3750    | 2   | 17.00                           | 16.72               | 106.66%  | 0.178  | 0.190       | -  |
|  |              | 1         | 1           |          |          |             | -        |         |         |     |                                 |                     |          |        |             | -  |
| 9.10   | NR n78       | 1         | 1           | 135      | 69       |             | -        |         |         |     |                                 |                     | 106.66%  |        |             | -  |
|  |              | 1         |             |          |          |             |          |         | 1       |     |                                 | · · · · ·           |          |        |             | 1  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 508 of 939

### Head Ant5 DSI1

| Mode             | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position    | Distance<br>(mm)                                 | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W |            |        |
|------------------|--------------------|------------|------------|-------------|-------------|--|---------|----------------|-----|---------------------------------|------------------------|---------|------------------|------------|--------|
|                  | (MHZ)              |            | Size       | start       |             | (mm)   |         | (MHZ)          |     | Tolerance (dBm)                 | (dBm)                  | ,       | Measured         | Reported   |        |
| LTE Band 42      |                    |            | 1          | 0           | Right Touch | -  | 41690   | 3410           | 1   | 20.00                           | 19.84                  | 103.75% | 1.050            | 1.089      |        |
| LTE Band 42      |                    |            | 1          | 0           | Right Touch | -  | 42590   | 3500           | 1   | 20.00                           | 19.99                  | 100.23% | 1.170            | 1.173      |        |
| LTE Band 42      | 7                  |            | 1          | 0           | Right Touch | -  | 43490   | 3590           | 1   | 20.00                           | 19.93                  | 101.62% | 1.020            | 1.037      | Т      |
| LTE Band 42      | 7                  |            | 50         | 25          | Right Touch | -  | 42590   | 3500           | 1   | 19.00                           | 18.94                  | 101.39% | 0.915            | 0.928      | $\Box$ |
| LTE Band 42      | 7                  |            | 100        | RB          | Right Touch | -  | 42590   | 3500           | 1   | 19.00                           | 19.00                  | 100.00% | 0.899            | 0.899      |        |
| LTE Band 42      | 1                  |            | 1          | 0           | Right Tilt  |  | 42590   | 3500           | 1   | 20.00                           | 19.99                  | 100.23% | 0.194            | 0.194      | 1      |
| LTE Band 42      | 20MHz              | QPSK       | 50         | 25          | Right Tilt  |  | 42590   | 3500           | 1   | 19.00                           | 18.94                  | 101.39% | 0.145            | 0.147      | 1      |
| LTE Band 42      | 1                  |            | 1          | 0           | Left Touch  | -  | 42590   | 3500           | 1   | 20.00                           | 19.99                  | 100.23% | 0.736            | 0.738      | t      |
| LTE Band 42      | 1                  |            | 50         | 25          | Left Touch  | -  | 42590   | 3500           | 1   | 19.00                           | 18.94                  | 101.39% | 0.685            | 0.695      | t      |
| LTE Band 42      | 1                  |            | 1          | 0           | Left Tilt   | <u> </u>   | 42590   | 3500           | 1   | 20.00                           | 19.99                  | 100.23% | 0.103            | 0.103      | -      |
| LTE Band 42      | 1                  |            | 50         | 25          | Left Tilt   | <b>†</b> -                                       | 42590   | 3500           | 1   | 19.00                           | 18.94                  | 101.39% | 0.112            | 0.114      | -      |
| 42C              | ┪                  |            | 1          | 0           | Right Touch | -  | 43490   | 3590           | 1   | 20.00                           | 19.75                  | 105.93% | 1.020            | 1.080      | +      |
| Mode             | Bandwidth          | Modulation | RB         | RB          | Position    | Distance   | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | AR over 1g |        |
|                  | (MHz)              |            | Size       | start       |             | (mm)   |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported   | 1      |
| NR n77           |                    |            | 1          | 1           | Right Touch | -  | 650000  | 3750           | 1   | 18.00                           | 17.47                  | 112.98% | 0.892            | 1.008      |        |
| NR n77           | 7                  | I          | 1          | 1           | Right Touch | -  | 652400  | 3786           | 1   | 18.00                           | 17.97                  | 100.69% | 1.050            | 1.057      |        |
| NR n77           | 1                  | I          | 1          | 1           | Right Touch | -  | 654800  | 3822           | 1   | 18.00                           | 17.86                  | 103.28% | 0.955            | 0.986      | T      |
| NR n77           | 1                  | I          | 1          | 1           | Right Touch | -  | 657200  | 3858           | 1   | 18.00                           | 17.50                  | 112.20% | 0.912            | 1.023      | T      |
| NR n77           | 1                  | I          | 1          | 1           | Right Touch | -  | 659600  | 3894           | 1   | 18.00                           | 17.38                  | 115.35% | 0.645            | 0.744      | T      |
| NR n77           | 1                  |            | 1          | 1           | Right Touch | -  | 662000  | 3930           | 1   | 18.00                           | 17.74                  | 106.17% | 0.730            | 0.775      | +      |
| NR n77           | 1                  | I          | 135        | 69          | Right Touch | -  | 650000  | 3750           | 1   | 18.00                           | 17.42                  | 114.29% | 0.945            | 1.080      | +      |
| NR n77           | 1                  | I          | 135        | 69          | Right Touch | -  | 652400  | 3786           | 1   | 18.00                           | 17.73                  | 106.41% | 0.956            | 1.017      | +      |
| NR n77           | 1                  | I          | 135        | 69          | Right Touch | -  | 654800  | 3822           | 1   | 18.00                           | 17.72                  | 106.66% | 0.942            | 1.005      | +      |
| NR n77           | 100MHz             | SCS 30kHz  | 135        | 69          | Right Touch |  | 657200  | 3858           | 1   | 18.00                           | 17.37                  | 115.61% | 0.922            | 1.066      | +      |
| NR n77           | 10010112           | Pi/2 BPSK  | 135        | 69          | Right Touch |  | 659600  | 3894           | 1   | 18.00                           | 17.32                  | 116.95% | 0.682            | 0.798      | +      |
| NR n77           | 4                  |            | 135        | 69          | Right Touch |  | 662000  | 3930           | 1   | 18.00                           | 17.60                  | 109.65% | 0.715            | 0.784      | +-     |
| NR n77           | 4                  |            | 270        | 09          | Right Touch | -  | 652400  | 3786           | 1   | 17.50                           | 17.36                  | 103.28% | 0.715            | 0.764      | +      |
|                  | 4                  |            | 1          | 1           | -           |  |         |                |     |                                 |                        |         |                  |            | +      |
| NR n77           | 4                  |            |            | _           | Right Tilt  |  | 652400  | 3786           | 1   | 18.00                           | 17.97                  | 100.69% | 0.182            | 0.183      | ₩      |
| NR n77           | 4                  |            | 135        | 69          | Right Tilt  | -  | 652400  | 3786           | 1   | 18.00                           | 17.73                  | 106.41% | 0.166            | 0.177      | ـــــ  |
| NR n77           |                    |            | 1          | 1           | Left Touch  | -  | 652400  | 3786           | 1   | 18.00                           | 17.97                  | 100.69% | 0.464            | 0.467      | _      |
| NR n77           | 1                  |            | 135        | 69          | Left Touch  | -  | 652400  | 3786           | 1   | 18.00                           | 17.73                  | 106.41% | 0.425            | 0.452      |        |
| NR n77           |                    |            | 1          | 1           | Left Tilt   | -  | 652400  | 3786           | 1   | 18.00                           | 17.97                  | 100.69% | 0.116            | 0.117      |        |
| NR n77           |                    |            | 135        | 69          | Left Tilt   | -  | 652400  | 3786           | 1   | 18.00                           | 17.73                  | 106.41% | 0.125            | 0.133      | ₩      |
| NR n77 & n78     |                    |            | 1          | 1           | Right Touch | -  | 633334  | 3500.01        | 1   | 18.00                           | 17.97                  | 100.69% | 1.120            | 1.128      | 1      |
| NR n77 & n78     | 1                  |            | 135        | 69          | Right Touch | -  | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 106.66% | 1.020            | 1.088      | -      |
| NR n77 & n78     | 1                  |            | 270        | 0           | Right Touch | -  | 633334  | 3500.01        | 1   | 17.50                           | 17.33                  | 103.99% | 0.869            | 0.904      | +      |
| NR n77 & n78     | †                  | 1          | 1          | 1           | Right Tilt  | _  | 633334  | 3500.01        | 1   | 18.00                           | 17.97                  | 100.69% | 0.648            | 0.652      | +      |
| NR n77 & n78     | 100MHz             | SCS 30kHz  | 135        | 69          | Right Tilt  | -  | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 106.66% | 0.615            | 0.656      | +      |
| NR n77 & n78     | 1                  | Pi/2 BPSK  | 1          | 1           | Left Touch  | <del>                                     </del> | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 100.69% | 0.631            | 0.635      | +      |
| NR n77 & n78     | +                  |            | 135        | 69          | Left Touch  | -  | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 106.66% | 0.589            | 0.628      | +-     |
| NR n77 & n78     | +                  | 1          | 1          | 1           | Left Tilt   | 1  | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 100.69% | 0.389            | 0.028      | +      |
| NR n77 & n78     | +                  |            | 135        | 69          | Left Tilt   | -  | 633334  | 3500.01        | 1   | 18.00                           | 17.72                  | 106.66% | 0.182            | 0.169      | +      |
| NISTITT OCUTO    |                    |            | 133        | 09          | Lent IIIt   |  | 033334  | 3300.01        | ,   | 10.00                           | 11.12                  | 100.00% | 0.136            | 0.109      |        |
| NR n78           |                    |            | 1          | 1           | Right Touch |  | 650000  | 3750           | 1   | 18.00                           | 17.95                  | 101.16% | 1.020            | 1.032      |        |
| NR n78           | +                  | 1          | 135        | 69          | Right Touch | -  | 650000  | 3750           | 1   | 18.00                           | 17.68                  | 107.65% | 1.110            | 1.195      | +      |
| NR n78           | +                  | 1          | 270        | 0           | Right Touch |  | 650000  | 3750           | 1   | 17.50                           | 17.08                  | 107.65% | 0.852            | 0.886      | +-     |
|                  | 4                  | 1          |            |             |             | -  |         |                |     |                                 |                        |         |                  |            | +      |
| NR n78           |                    | SCS 30kHz  | 1          | 1           | Right Tilt  | +  | 650000  | 3750           | 1   | 18.00                           | 17.95                  | 101.16% | 0.221            | 0.224      | +-     |
| NR n78           | 100MHz             | Pi/2 BPSK  | 135        | 69          | Right Tilt  |  | 650000  | 3750           | 1   | 18.00                           | 17.68                  | 107.65% | 0.207            | 0.223      | +-     |
| NR n78           | 4                  | 1          | 1          | 1           | Left Touch  | -  | 650000  | 3750           | 1   | 18.00                           | 17.95                  | 101.16% | 0.489            | 0.495      | +-     |
| NR n78           | 4                  |            | 135        | 69          | Left Touch  | -  | 650000  | 3750           | 1   | 18.00                           | 17.68                  | 107.65% | 0.452            | 0.487      | +-     |
|                  |                    | 1          | 1          | 1           | Left Tilt   | -  | 650000  | 3750           | 1   | 18.00                           | 17.95                  | 101.16% | 0.152            | 0.154      | 1      |
| NR n78<br>NR n78 | 4                  |            | 135        | 69          | Left Tilt   |  | 650000  | 3750           | 1   | 18.00                           | 17.68                  | 107.65% | 0.144            | 0.155      |        |

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Page: 509 of 939

# Head\_Ant5\_DSI2

| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Scaling  | Averaged S<br>(W              | /kg)     | ID           |
|--------------|--------------------|------------|------------|-------------|-------------|------------------|---------|----------------|-----|--|---------------------------------|----------|-------------------------------|----------|--------------|
|              | , ,                |            |            | _           |             |                  |         |                |     | Tolerance (dBm)                                    | (dBm)                           | 100 000/ | Measured                      | Reported |              |
| LTE Band 42  | 4                  |            | 1          | 0           | Right Touch | -                | 43490   | 3590           | 2   | 18.50  | 18.41                           | 102.09%  | 0.734                         | 0.749    | -            |
| LTE Band 42  | 4                  |            | 50         | 25          | Right Touch | -                | 42590   | 3500           | 2   | 17.50  | 17.31                           | 104.47%  | 0.657                         | 0.686    | -            |
| LTE Band 42  | 4                  |            | 1          | 0           | Right Tilt  | -                | 43490   | 3590           | 2   | 18.50  | 18.41                           | 102.09%  | 0.125                         | 0.128    | -            |
| LTE Band 42  | 20MHz              | QPSK       | 50         | 25          | Right Tilt  | -                | 42590   | 3500           | 2   | 17.50  | 17.31                           | 104.47%  | 0.104                         | 0.109    | -            |
| LTE Band 42  | 4                  |            | 1          | 0           | Left Touch  | -                | 43490   | 3590           | 2   | 18.50  | 18.41                           | 102.09%  | 0.550                         | 0.562    | -            |
| LTE Band 42  | 4                  |            | 50         | 25          | Left Touch  | -                | 42590   | 3500           | 2   | 17.50  | 17.31                           | 104.47%  | 0.492                         | 0.514    | -            |
| LTE Band 42  | 4                  |            | 1          | 0           | Left Tilt   | -                | 43490   | 3590           | 2   | 18.50  | 18.41                           | 102.09%  | 0.095                         | 0.097    | -            |
| LTE Band 42  |                    |            | 50         | 25          | Left Tilt   | -                | 42590   | 3500           | 2   | 17.50  | 17.31                           | 104.47%  | 0.080                         | 0.084    | -            |
| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Scaling  | Averaged S<br>(Wa<br>Measured |          | ID           |
| NR n77       |                    |            | 1          | 1           | Right Touch |                  | 652400  | 3786           | 2   | 13.00  | 12.98                           | 100.46%  | 0.323                         | 0.324    |              |
| NR n77       | 1                  |            | 135        | 69          | Right Touch | -                | 652400  | 3786           | 2   | 13.00  | 12.90                           | 102.09%  | 0.323                         | 0.324    | <del></del>  |
| NR n77       | 1                  |            | 1          | 1           | Right Tilt  | -                | 652400  | 3786           | 2   | 13.00  | 12.91                           | 102.09%  | 0.046                         | 0.309    | -            |
| NR n77       | 1                  | SCS 30kHz  | 135        | 69          | Right Tilt  | -                | 652400  | 3786           | 2   | 13.00  | 12.90                           | 102.09%  | 0.040                         | 0.048    | -            |
| NR n77       | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  |                  | 652400  | 3786           | 2   | 13.00  | 12.98                           | 100.46%  | 0.132                         | 0.133    |              |
| NR n77       | +                  |            | 135        | 69          | Left Touch  |                  | 652400  | 3786           | 2   | 13.00  | 12.91                           | 102.09%  | 0.113                         | 0.135    |              |
| NR n77       | +                  |            | 1          | 1           | Left Tilt   |                  | 652400  | 3786           | 2   | 13.00  | 12.98                           | 100.46%  | 0.022                         | 0.022    |              |
| NR n77       | +                  |            | 135        | 69          | Left Tilt   |                  | 652400  | 3786           | 2   | 13.00  | 12.91                           | 102.09%  | 0.032                         | 0.022    | 1 -          |
| NC1177       |                    |            | 133        | 05          | Loit IIIt   |                  | 032400  | 3700           |     | 15.00  | 12.51                           | 102.0370 | 0.032                         | 0.000    | <del>-</del> |
| NR n77 & n78 |                    |            | 1          | 1           | Right Touch |                  | 633334  | 3500.01        | 2   | 13.00  | 12.96                           | 100.93%  | 0.345                         | 0.348    | -            |
| NR n77 & n78 | 1                  |            | 135        | 69          | Right Touch | -                | 633334  | 3500.01        | 2   | 13.00  | 12.82                           | 104.23%  | 0.326                         | 0.340    | _            |
| NR n77 & n78 | 1                  |            | 1          | 1           | Right Tilt  | -                | 633334  | 3500.01        | 2   | 13.00  | 12.96                           | 100.93%  | 0.020                         | 0.020    |              |
| NR n77 & n78 | †                  | SCS 30kHz  | 135        | 69          | Right Tilt  | -                | 633334  | 3500.01        | 2   | 13.00  | 12.82                           | 104.23%  | 0.012                         | 0.013    | -            |
| NR n77 & n78 | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 633334  | 3500.01        | 2   | 13.00  | 12.96                           | 100.93%  | 0.191                         | 0.193    | <b>+</b> -   |
| NR n77 & n78 | †                  |            | 135        | 69          | Left Touch  | -                | 633334  | 3500.01        | 2   | 13.00  | 12.82                           | 104.23%  | 0.158                         | 0.165    | <b>+</b> -   |
| NR n77 & n78 | †                  |            | 1          | 1           | Left Tilt   | -                | 633334  | 3500.01        | 2   | 13.00  | 12.96                           | 100.93%  | 0.050                         | 0.050    | -            |
| NR n77 & n78 | †                  |            | 135        | 69          | Left Tilt   | -                | 633334  | 3500.01        | 2   | 13.00  | 12.82                           | 104.23%  | 0.047                         | 0.049    | -            |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |          |                               |          |              |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |          |                               |          | <b>—</b>     |
| NR n78       | İ                  |            | 1          | 1           | Right Touch | -                | 650000  | 3750           | 2   | 13.00  | 12.95                           | 101.16%  | 0.326                         | 0.330    | -            |
| NR n78       | 1                  |            | 135        | 69          | Right Touch | -                | 650000  | 3750           | 2   | 13.00  | 12.96                           | 100.93%  | 0.374                         | 0.377    | -            |
| NR n78       | 1                  |            | 1          | 1           | Right Tilt  | -                | 650000  | 3750           | 2   | 13.00  | 12.95                           | 101.16%  | 0.054                         | 0.055    | -            |
| NR n78       | 1                  | SCS 30kHz  | 135        | 69          | Right Tilt  | -                | 650000  | 3750           | 2   | 13.00  | 12.96                           | 100.93%  | 0.067                         | 0.068    | -            |
| NR n78       | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 650000  | 3750           | 2   | 13.00  | 12.95                           | 101.16%  | 0.155                         | 0.157    | -            |
| NR n78       | 1                  |            | 135        | 69          | Left Touch  | -                | 650000  | 3750           | 2   | 13.00  | 12.96                           | 100.93%  | 0.146                         | 0.147    | -            |
| NR n78       | 1                  |            | 1          | 1           | Left Tilt   | -                | 650000  | 3750           | 2   | 13.00  | 12.95                           | 101.16%  | 0.030                         | 0.030    | -            |
| NR n78       | 1                  |            | 135        | 69          | Left Tilt   | -                | 650000  | 3750           | 2   | 13.00  | 12.96                           | 100.93%  | 0.048                         | 0.048    | -            |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |          |                               |          |              |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |          |                               |          |              |

### Head Ant6 DSI1

| Mode         | Bandwidth          | Modulation | RB         | RB          | Position    | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Scaling | Averaged S<br>(W.             |          | ID   |
|--------------|--------------------|------------|------------|-------------|-------------|------------------|---------|----------------|-----|--|---------------------------------|---------|-------------------------------|----------|--|
|              | (MHz)              |            | Size       | start       |             | (mm)             |         | (MHz)          |     | Tolerance (dBm)                                    | (dBm)                           |         | Measured                      | Reported | 1  |
| LTE Band 42  |                    |            | 1          | 0           | Right Touch | -                | 42590   | 3500           | 1/2 | 24.50  | 23.48                           | 126.47% | 0.027                         | 0.034    | -  |
| LTE Band 42  |                    |            | 50         | 25          | Right Touch | -                | 42590   | 3500           | 1/2 | 23.50  | 22.42                           | 128.23% | 0.021                         | 0.027    | -  |
| LTE Band 42  |                    |            | 1          | 0           | Right Tilt  | -                | 42590   | 3500           | 1/2 | 24.50  | 23.48                           | 126.47% | 0.011                         | 0.014    | -  |
| LTE Band 42  | 20MHz              | QPSK       | 50         | 25          | Right Tilt  | -                | 42590   | 3500           | 1/2 | 23.50  | 22.42                           | 128.23% | 0.009                         | 0.012    | -  |
| LTE Band 42  | ZUIVIFIZ           | QFSK       | 1          | 0           | Left Touch  | -                | 42590   | 3500           | 1/2 | 24.50  | 23.48                           | 126.47% | 0.065                         | 0.082    | 095  |
| LTE Band 42  |                    |            | 50         | 25          | Left Touch  | -                | 42590   | 3500           | 1/2 | 23.50  | 22.42                           | 128.23% | 0.050                         | 0.064    | -  |
| LTE Band 42  |                    |            | 1          | 0           | Left Tilt   | -                | 42590   | 3500           | 1/2 | 24.50  | 23.48                           | 126.47% | 0.018                         | 0.023    | -  |
| LTE Band 42  |                    |            | 50         | 25          | Left Tilt   | -                | 42590   | 3500           | 1/2 | 23.50  | 22.42                           | 128.23% | 0.014                         | 0.018    | -  |
| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Scaling | Averaged S<br>(W.<br>Measured |          | ID   |
| NR n77       |                    |            | 1          | 1           | Right Touch |                  | 652400  | 3786           | 1/2 | 24.50  | 23.12                           | 137.40% | 0.041                         | 0.056    | -  |
| NR n77       | -                  |            | 135        | 69          | Right Touch | -                | 652400  | 3786           | 1/2 | 24.50  | 23.03                           | 140.28% | 0.039                         | 0.055    | <del>                                     </del> |
| NR n77       | 1                  |            | 1          | 1           | Right Tilt  |                  | 652400  | 3786           | 1/2 | 24.50  | 23.12                           | 137.40% | 0.018                         | 0.025    | <del>                                     </del> |
| NR n77       | 1                  | SCS 30kHz  | 135        | 69          | Right Tilt  |                  | 652400  | 3786           | 1/2 | 24.50  | 23.03                           | 140.28% | 0.016                         | 0.022    | <del>  -</del>                                   |
| NR n77       | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 652400  | 3786           | 1/2 | 24.50  | 23.12                           | 137.40% | 0.092                         | 0.126    | 09   |
| NR n77       | -                  |            | 135        | 69          | Left Touch  |                  | 652400  | 3786           | 1/2 | 24.50  | 23.03                           | 140.28% | 0.088                         | 0.123    | -  |
| NR n77       | 7                  |            | 1          | 1           | Left Tilt   | -                | 652400  | 3786           | 1/2 | 24.50  | 23.12                           | 137.40% | 0.045                         | 0.062    | -  |
| NR n77       | 7                  |            | 135        | 69          | Left Tilt   | -                | 652400  | 3786           | 1/2 | 24.50  | 23.03                           | 140.28% | 0.042                         | 0.059    | <del>  -</del>                                   |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |         |                               |          | <del>                                     </del> |
| NR n77 & n78 |                    |            | 1          | 1           | Right Touch | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.81                           | 147.57% | 0.019                         | 0.028    | -  |
| NR n77 & n78 | 7                  |            | 135        | 69          | Right Touch | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.61                           | 154.53% | 0.017                         | 0.026    | <del>-</del>                                     |
| NR n77 & n78 | 7                  |            | 1          | 1           | Right Tilt  | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.81                           | 147.57% | 0.009                         | 0.013    | -  |
| NR n77 & n78 |                    | SCS 30kHz  | 135        | 69          | Right Tilt  | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.61                           | 154.53% | 0.007                         | 0.011    | -  |
| NR n77 & n78 | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.81                           | 147.57% | 0.051                         | 0.075    | 097  |
| NR n77 & n78 |                    |            | 135        | 69          | Left Touch  | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.61                           | 154.53% | 0.048                         | 0.074    | <del>-</del>                                     |
| NR n77 & n78 | 1                  |            | 1          | 1           | Left Tilt   | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.81                           | 147.57% | 0.024                         | 0.035    | -  |
| NR n77 & n78 | 7                  |            | 135        | 69          | Left Tilt   | -                | 633334  | 3500.01        | 1/2 | 24.50  | 22.61                           | 154.53% | 0.021                         | 0.032    | -  |
|              |                    |            |            |             |             |                  |         |                |     |  |                                 |         |                               |          |  |
| NR n78       |                    |            | 1          | 1           | Right Touch | -                | 650000  | 3750           | 1/2 | 24.50  | 22.78                           | 148.59% | 0.035                         | 0.051    | -  |
| NR n78       |                    |            | 135        | 69          | Right Touch | -                | 650000  | 3750           | 1/2 | 24.50  | 22.64                           | 153.46% | 0.031                         | 0.048    | T -  |
| NR n78       |                    |            | 1          | 1           | Right Tilt  | -                | 650000  | 3750           | 1/2 | 24.50  | 22.78                           | 148.59% | 0.016                         | 0.024    | -  |
| NR n78       | 4001#1             | SCS 30kHz  | 135        | 69          | Right Tilt  | -                | 650000  | 3750           | 1/2 | 24.50  | 22.64                           | 153.46% | 0.014                         | 0.021    | -  |
| NR n78       | 100MHz             | Pi/2 BPSK  | 1          | 1           | Left Touch  | -                | 650000  | 3750           | 1/2 | 24.50  | 22.78                           | 148.59% | 0.092                         | 0.137    | 09   |
| NR n78       |                    |            | 135        | 69          | Left Touch  | -                | 650000  | 3750           | 1/2 | 24.50  | 22.64                           | 153.46% | 0.089                         | 0.137    | -  |
| NR n78       |                    |            | 1          | 1           | Left Tilt   | -                | 650000  | 3750           | 1/2 | 24.50  | 22.78                           | 148.59% | 0.041                         | 0.061    | -  |
| NR n78       | 7                  | 1          | 135        | 69          | Left Tilt   | -                | 650000  | 3750           | 1/2 | 24.50  | 22.64                           | 153.46% | 0.039                         | 0.060    | T -  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 510 of 939

Body-worn Ant1

| Body-worn_/                | Anti               |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
|----------------------------|--------------------|------------------------|------------|-------------|--------------------------------|------------------|------------------|----------------|-----|--|---------------------------------|--------------------|------------------------------|--------------------------------|--|
| Mode                       | Bandwidth<br>(MHz) | Modulation             | RB<br>Size | RB<br>start | Position                       | Distance<br>(mm) | Channel          | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Scaling            | Averaged S<br>(W<br>Measured | AR over 1g<br>/kg)<br>Reported | ID   |
| LTE Band 2                 |                    |                        | 1          | 0           | Front Surface                  | 15               | 18700            | 1860           | 0   | 24.50  | 23.61                           | 122.74%            | 0.093                        | 0.114                          | 099  |
| LTE Band 2                 | 20MHz              | OPSK                   | 50         | 50          | Front Surface                  | 15               | 18700            | 1860           | 0   | 23.50  | 22.50                           | 125.89%            | 0.070                        | 0.088                          | -  |
| LTE Band 2                 | ZUMHZ              | UPSK                   | 1          | 0           | Back Surface                   | 15               | 18700            | 1860           | 0   | 24.50  | 23.61                           | 122.74%            | 0.043                        | 0.052                          | -  |
| LTE Band 2                 |                    |                        | 50         | 50          | Back Surface                   | 15               | 18700            | 1860           | 0   | 23.50  | 22.50                           | 125.89%            | 0.033                        | 0.042                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| LTE Band 4                 | _                  |                        | 1          | 0           | Front Surface                  | 15               | 20300            | 1745           | 0   | 24.50  | 22.98                           | 141.91%            | 0.085                        | 0.121                          | 100  |
| LTE Band 4                 | 20MHz              | QPSK                   | 50         | 0           | Front Surface                  | 15               | 20300            | 1745           | 0   | 23.50  | 21.88                           | 145.22%            | 0.071                        | 0.103                          | -  |
| LTE Band 4                 | -                  |                        | 1          | 0           | Back Surface                   | 15               | 20300            | 1745           | 0   | 24.50  | 22.98                           | 141.91%            | 0.042                        | 0.060                          | -  |
| LTE Band 4                 | +                  |                        | 50         | 0           | Back Surface                   | 15               | 20300            | 1745           | 0   | 23.50  | 21.88                           | 145.22%            | 0.032                        | 0.046                          | -  |
| LTE Band 5                 | _                  |                        | 1          | 0           | Front Surface                  | 15               | 20600            | 844            | 0   | 24.50  | 23.53                           | 125.03%            | 0.139                        | 0.174                          | 101  |
| LTE Band 5                 | -                  |                        | 25         | 0           | Front Surface                  | 15               | 20600            | 844            | 0   | 23.50  | 22.47                           | 126.77%            | 0.108                        | 0.137                          | -  |
| LTE Band 5                 | 10MHz              | QPSK                   | 1          | 0           | Back Surface                   | 15               | 20600            | 844            | 0   | 24.50  | 23.53                           | 125.03%            | 0.119                        | 0.149                          | -  |
| LTE Band 5                 | _                  |                        | 25         | 0           | Back Surface                   | 15               | 20600            | 844            | 0   | 23.50  | 22.47                           | 126.77%            | 0.093                        | 0.118                          |  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| LTE Band 12                |                    |                        | 1          | 0           | Front Surface                  | 15               | 23060            | 704            | 0   | 24.50  | 23.12                           | 137.40%            | 0.058                        | 0.080                          | -  |
| LTE Band 12                | 10MHz              | QPSK                   | 25         | 12          | Front Surface                  | 15               | 23060            | 704            | 0   | 23.50  | 22.06                           | 139.32%            | 0.043                        | 0.060                          | -  |
| LTE Band 12                | 10MHz              | QPSK                   | 1          | 0           | Back Surface                   | 15               | 23060            | 704            | 0   | 24.50  | 23.12                           | 137.40%            | 0.068                        | 0.093                          | 102  |
| LTE Band 12                |                    |                        | 25         | 25          | Back Surface                   | 15               | 23060            | 704            | 0   | 23.50  | 22.06                           | 139.32%            | 0.050                        | 0.070                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| LTE Band 17                |                    |                        | 1          | 0           | Front Surface                  | 15               | 23800            | 711            | 0   | 24.50  | 22.95                           | 142.89%            | 0.059                        | 0.084                          | -  |
| LTE Band 17                | 10MHz              | QPSK                   | 25         | 25          | Front Surface                  | 15               | 23800            | 711            | 0   | 23.50  | 21.87                           | 145.55%            | 0.047                        | 0.068                          | -  |
| LTE Band 17                | _                  |                        | 1          | 0           | Back Surface                   | 15               | 23800            | 711            | 0   | 24.50  | 22.95                           | 142.89%            | 0.072                        | 0.103                          | 103  |
| LTE Band 17                |                    |                        | 25         | 50          | Back Surface                   | 15               | 23800            | 711            | 0   | 23.50  | 21.87                           | 145.55%            | 0.055                        | 0.080                          | -  |
|                            | _                  |                        |            |             |                                |                  |                  |                | _   |  |                                 |                    |                              |                                |  |
| LTE Band 25                | -                  |                        | 1 50       | 0           | Front Surface                  | 15<br>15         | 26140<br>26140   | 1860<br>1860   | 0   | 24.50<br>23.50                                     | 23.75<br>22.60                  | 118.85%<br>123.03% | 0.091                        | 0.108                          | 104  |
| LTE Band 25<br>LTE Band 25 | 20MHz              | QPSK                   | 50         | 25<br>0     | Front Surface<br>Back Surface  | 15               | 26140            | 1860           | 0   | 23.50  | 22.60                           | 123.03%            | 0.065                        | 0.080                          | -  |
| LTE Band 25                | -                  |                        | 50         | 25          | Back Surface                   | 15               | 26140            | 1860           | 0   | 23.50  | 22.60                           | 123.03%            | 0.041                        | 0.049                          | -  |
| ETE BAIR 25                | +                  |                        | 30         | 25          | Dack Gullace                   | 15               | 20140            | 1000           |     | 25.50  | 22.00                           | 123.0370           | 0.023                        | 0.001                          | <u> </u>   |
| LTF Band 26                |                    |                        | 1          | 0           | Front Surface                  | 15               | 26765            | 821.5          | 0   | 24.50  | 23.31                           | 131 52%            | 0.112                        | 0.147                          | 105  |
| LTE Band 26                | _                  |                        | 36         | 18          | Front Surface                  | 15               | 26865            | 831.5          | 0   | 23.50  | 22.20                           | 134.90%            | 0.087                        | 0.117                          |  |
| LTE Band 26                | 15MHz              | QPSK                   | 1          | 0           | Back Surface                   | 15               | 26765            | 821.5          | 0   | 24.50  | 23.31                           | 131.52%            | 0.103                        | 0.135                          | -  |
| LTE Band 26                |                    |                        | 36         | 25          | Back Surface                   | 15               | 26865            | 831.5          | 0   | 23.50  | 22.20                           | 134.90%            | 0.081                        | 0.109                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| LTE Band 30                |                    |                        | 1          | 0           | Front Surface                  | 15               | 27710            | 2310           | 0   | 24.50  | 22.65                           | 153.11%            | 0.250                        | 0.383                          | 106  |
| LTE Band 30                | 10MHz              | OPSK                   | 25         | 12          | Front Surface                  | 15               | 27710            | 2310           | 0   | 23.50  | 21.70                           | 151.36%            | 0.187                        | 0.283                          | -  |
| LTE Band 30                | TUMHZ              | UPSK                   | 1          | 0           | Back Surface                   | 15               | 27710            | 2310           | 0   | 24.50  | 22.65                           | 153.11%            | 0.173                        | 0.265                          | -  |
| LTE Band 30                |                    |                        | 25         | 25          | Back Surface                   | 15               | 27710            | 2310           | 0   | 23.50  | 21.70                           | 151.36%            | 0.125                        | 0.189                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| LTE Band 66                |                    |                        | 1          | 0           | Front Surface                  | 15               | 132572           | 1770           | 0   | 24.50  | 23.03                           | 140.28%            | 0.102                        | 0.143                          | 107  |
| LTE Band 66                | 20MHz              | QPSK                   | 50         | 0           | Front Surface                  | 15               | 132572           | 1770           | 0   | 23.50  | 21.96                           | 142.56%            | 0.080                        | 0.114                          | -  |
| LTE Band 66                | _                  |                        | 1          | 0           | Back Surface                   | 15               | 132572           | 1770           | 0   | 24.50  | 23.03                           | 140.28%            | 0.045                        | 0.063                          | -  |
| LTE Band 66                |                    |                        | 50         | 0           | Back Surface                   | 15               | 132572           | 1770           | 0   | 23.50  | 21.96                           | 142.56%            | 0.032                        | 0.046                          | -  |
| LTE Band 71                |                    |                        | 1          | 0           | Front Surface                  | 15               | 133222           | 673            | 0   | 24.50  | 23.78                           | 118.03%            | 0.067                        | 0.079                          | -  |
| LTE Band 71                | _                  |                        | 50         | 25          | Front Surface                  | 15               | 133222           | 673            | 0   | 24.50  | 22.73                           | 119.40%            | 0.067                        | 0.079                          | -  |
| LTE Band 71                | 20MHz              | QPSK                   | 1          | 0           | Back Surface                   | 15               | 133222           | 673            | 0   | 24.50  | 23.78                           | 118.03%            | 0.033                        | 0.003                          | 108  |
| LTE Band 71                | -                  |                        | 50         | 25          | Back Surface                   | 15               | 133222           | 673            | 0   | 23.50  | 22.73                           | 119.40%            | 0.060                        | 0.072                          | 100  |
|                            |                    |                        |            |             |                                |                  |                  |                |     | Max. Rated Avg.                                    | Measured                        |                    |                              | AR over 1g                     |  |
| Mode                       | Bandwidth<br>(MHz) | Modulation             | RB<br>Size | RB<br>start | Position                       | Distance<br>(mm) | Channel          | Freq.<br>(MHz) | DSI | Power + Max.                                       | Avg. Power                      | Scaling            | (W                           | /kg)                           | ID   |
|                            | (MHZ)              |                        | Size       |             |                                | ( /              |                  | , ,            |     | Tolerance (dBm)                                    | (dBm)                           |                    | Measured                     | Reported                       |  |
| NR n2                      |                    |                        | 1          | 1           | Front Surface                  | 15               | 376000           | 1880           | 0   | 24.50  | 22.93                           | 143.55%            | 0.090                        | 0.129                          | 109  |
| NR n2                      | 20MHz              | SCS 15kHz<br>Pi/2 BPSK | 50         | 28          | Front Surface                  | 15               | 380000           | 1900           | 0   | 24.50  | 22.85                           | 146.22%            | 0.088                        | 0.129                          | -  |
| NR n2<br>NR n2             | _                  | PI/2 BPSK              | 1          | 1           | Back Surface                   | 15               | 376000<br>380000 | 1880           | 0   | 24.50<br>24.50                                     | 22.93<br>22.85                  | 143.55%            | 0.078<br>0.075               | 0.112<br>0.110                 | -  |
| NR n2                      |                    |                        | 50         | 28          | Back Surface                   | 15               | 380000           | 1900           | 0   | 24.50  | 22.85                           | 146.22%            | 0.075                        | 0.110                          | -  |
| NR n5                      | +                  |                        | 1          | 1           | Front Surface                  | 15               | 167800           | 839            | 0   | 24.50  | 23.45                           | 127.35%            | 0.125                        | 0.159                          | 110  |
| NR n5<br>NR n5             | $\dashv$           | 000 45111              | 50         | 28          | Front Surface<br>Front Surface | 15               | 167800           | 839            | 0   | 24.50  | 23.45                           | 127.35%            | 0.125                        | 0.159                          | 110  |
| NR n5                      | 20MHz              | SCS 15kHz<br>Pi/2 BPSK | 1          | 28          | Back Surface                   | 15               | 167800           | 839            | 0   | 24.50  | 23.45                           | 127.35%            | 0.119                        | 0.158                          | -  |
| NR n5                      | +                  |                        | 50         | 28          | Back Surface                   | 15               | 167800           | 839            | 0   | 24.50  | 23.43                           | 132.74%            | 0.121                        | 0.154                          | -  |
|                            | +                  |                        |            |             | 223 34.1466                    |                  |                  | -50            | Ť   |  |                                 |                    | 20                           | 2.100                          | <del>                                     </del> |
| NR n12                     |                    |                        | 1          | 1           | Front Surface                  | 15               | 141300           | 706.5          | 0   | 24.50  | 23.08                           | 138.68%            | 0.055                        | 0.076                          | -  |
| NR n12                     |                    | SCS 15kHz              | 36         | 22          | Front Surface                  | 15               | 141300           | 706.5          | 0   | 24.50  | 22.94                           | 143.22%            | 0.052                        | 0.074                          | -  |
| NR n12                     | 15MHz              | Pi/2 BPSK              | 1          | 1           | Back Surface                   | 15               | 141300           | 706.5          | 0   | 24.50  | 23.08                           | 138.68%            | 0.058                        | 0.081                          | 111  |
| NR n12                     |                    |                        | 36         | 22          | Back Surface                   | 15               | 141300           | 706.5          | 0   | 24.50  | 22.94                           | 143.22%            | 0.055                        | 0.079                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| NR n66                     |                    |                        | 1          | 1           | Front Surface                  | 15               | 352000           | 1760           | 0   | 24.50  | 22.92                           | 143.88%            | 0.091                        | 0.130                          | 112  |
| NR n66                     | 40MHz              | SCS 15kHz              | 108        | 54          | Front Surface                  | 15               | 349000           | 1745           | 0   | 24.50  | 22.79                           | 148.25%            | 0.087                        | 0.129                          | -  |
| NR n66                     | -FUNITZ            | Pi/2 BPSK              | 1          | 1           | Back Surface                   | 15               | 352000           | 1760           | 0   | 24.50  | 22.92                           | 143.88%            | 0.082                        | 0.118                          | -  |
| NR n66                     |                    |                        | 108        | 54          | Back Surface                   | 15               | 349000           | 1745           | 0   | 24.50  | 22.79                           | 148.25%            | 0.073                        | 0.108                          | -  |
|                            |                    |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| NR n71                     | _                  |                        | 1          | 1           | Front Surface                  | 15               | 135600           | 678            | 0   | 24.50  | 23.68                           | 120.78%            | 0.064                        | 0.077                          | -  |
| NR n71                     | 30MHz              | SCS 15kHz<br>Pi/2 BPSK | 80         | 40          | Front Surface                  | 15               | 135600           | 678            | 0   | 24.50  | 23.53                           | 125.03%            | 0.057                        | 0.071                          | -  |
|                            |                    |                        | 1          | 1           | Back Surface                   | 15               | 135600           | 678            | 0   | 24.50  | 23.68                           | 120.78%            | 0.077                        | 0.093                          | 113  |
| NR n71                     | _                  |                        |            |             |                                |                  |                  |                |     |  |                                 |                    |                              |                                |  |
| NR n71<br>NR n71           |                    |                        | 80         | 40          | Back Surface                   | 15               | 135600           | 678            | 0   | 24.50  | 23.53                           | 125.03%            | 0.073                        | 0.091                          | -  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 511 of 939

Body-worn Ant2

| Body-worn_A  | 11112   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
|--|---|---|--|--|---|--|---|---|---|---|--|---|--|--|--------------------------------|
| Mode   | Bandwidth<br>(MHz)                                | Modulation  | RB<br>Size   | RB<br>start  | Position  | Distance<br>(mm)                                       | Channel   | Freq.<br>(MHz)  | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)  | Scaling   |  | SAR over 1g<br>/kg)<br>Reported  | ID                             |
| LTE Band 2   |   |   | 1  | 0  | Front Surface   | 15   | 19100   | 1900  | 0   | 24.50   | 22.88  | 145.21%   | 0.200  | 0.290  | 114                            |
| LTE Band 2   |   |   | 50   | 25   | Front Surface   | 15   | 19100   | 1860  | 0   | 23.50   | 21.76  | 149.28%   | 0.154  | 0.230  | -                              |
| LTE Band 2   | 20MHz   | QPSK  | 1  | 0  | Back Surface  | 15   | 19100   | 1900  | 0   | 24.50   | 22.88  | 145.21%   | 0.182  | 0.264  | -                              |
| LTE Band 2   |   |   | 50   | 25   | Back Surface  | 15   | 19100   | 1860  | 0   | 23.50   | 21.76  | 149.28%   | 0.134  | 0.200  | -                              |
| 2C   |   |   | 1  | 0  | Front Surface   | 15   | 19100   | 1900  | 0   | 24.50   | 22.77  | 148.94%   | 0.156  | 0.232  | -                              |
|  |   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
| LTE Band 4   | -   |   | 1  | 0  | Front Surface   | 15   | 20175   | 1732.5  | 0   | 24.50   | 23.53  | 125.03%   | 0.190  | 0.238  | 115                            |
| LTE Band 4   | 20MHz   | QPSK  | 50   | 0  | Front Surface   | 15   | 20175   | 1732.5  | 0   | 23.50   | 22.41  | 128.53%<br>125.03%  | 0.150  | 0.193  | -                              |
| LTE Band 4<br>LTE Band 4   | -   |   | 50   | 0  | Back Surface<br>Back Surface  | 15<br>15   | 20175<br>20175  | 1732.5<br>1732.5  | 0   | 24.50<br>23.50  | 23.53<br>22.41   | 125.03%   | 0.181<br>0.148   | 0.226<br>0.190   | -                              |
| LIE Ballu 4  |   |   | 30   | - 0  | Dack Sullace  | 15   | 20175   | 1732.3  | -   | 23.30   | 22.41  | 120.33%   | 0.146  | 0.190  | -                              |
| LTE Band 7   |   |   | 1  | 0  | Front Surface   | 15   | 20850   | 2510  | 0   | 24.50   | 23.73  | 119.40%   | 0.187  | 0.223  | 116                            |
| LTE Band 7   | 1   |   | 50   | 50   | Front Surface   | 15   | 20850   | 2510  | 0   | 23.50   | 22.63  | 122.18%   | 0.147  | 0.180  | -                              |
| LTE Band 7   | 20MHz   | QPSK  | 1  | 0  | Back Surface  | 15   | 20850   | 2510  | 0   | 24.50   | 23.73  | 119.40%   | 0.170  | 0.203  | -                              |
| LTE Band 7   |   |   | 50   | 50   | Back Surface  | 15   | 20850   | 2510  | 0   | 23.50   | 22.63  | 122.18%   | 0.132  | 0.161  | -                              |
| 7C   |   |   | 1  | 0  | Front Surface   | 15   | 20850   | 2510  | 0   | 24.50   | 23.50  | 125.89%   | 0.156  | 0.196  | -                              |
| •  |   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
| LTE Band 25  |   |   | 1  | 0  | Front Surface   | 15   | 26590   | 1905  | 0   | 24.50   | 23.02  | 140.60%   | 0.195  | 0.274  | 117                            |
| LTE Band 25  | 20MHz   | QPSK  | 50   | 25   | Front Surface   | 15   | 26590   | 1905  | 0   | 23.50   | 21.91  | 144.21%   | 0.148  | 0.213  | -                              |
| LTE Band 25  | ZUMHZ   | QPSK  | 1  | 0  | Back Surface  | 15   | 26590   | 1905  | 0   | 24.50   | 23.02  | 140.60%   | 0.172  | 0.242  | -                              |
| LTE Band 25  |   |   | 50   | 25   | Back Surface  | 15   | 26590   | 1905  | 0   | 23.50   | 21.91  | 144.21%   | 0.126  | 0.182  | -                              |
|  |   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
| LTE Band 30  | 1   |   | 1  | 0  | Front Surface   | 15   | 27710   | 2310  | 0   | 24.50   | 23.43  | 127.94%   | 0.155  | 0.198  | 118                            |
| LTE Band 30  | 10MHz   | QPSK  | 25   | 12   | Front Surface   | 15   | 27710   | 2310  | 0   | 23.50   | 22.28  | 132.43%   | 0.116  | 0.154  |                                |
| LTE Band 30  |   | 2. SIX  | 1  | 0  | Back Surface  | 15   | 27710   | 2310  | 0   | 24.50   | 23.43  | 127.94%   | 0.105  | 0.134  | -                              |
| LTE Band 30  |   |   | 25   | 25   | Back Surface  | 15   | 27710   | 2310  | 0   | 23.50   | 22.28  | 132.43%   | 0.088  | 0.117  | -                              |
| (mm m 17)  |   |   |  |  | F 1 P - 1   |  | 4000  | 4 materia   |   |   | pa   | 400 000   | A 14-  |  |                                |
| LTE Band 66  | 4   |   | 1 50   | 0  | Front Surface   | 15   | 132072  | 1720  | 0   | 24.50   | 23.14  | 136.77%   | 0.160  | 0.219  | 119                            |
| LTE Band 66  | 20MHz   | QPSK  | 50   | 0  | Front Surface   | 15   | 132072  | 1720  | 0   | 23.50   | 22.03  | 140.28%   | 0.133  | 0.187  | -                              |
| LTE Band 66<br>LTE Band 66   | 4   |   | 50   | 0  | Back Surface<br>Back Surface  | 15<br>15   | 132072<br>132072  | 1720<br>1720  | 0   | 24.50<br>23.50  | 23.14  | 136.77%<br>140.28%  | 0.157<br>0.131   | 0.215<br>0.184   | -                              |
| LIE Band 66  |   |   | 50   | U  | DaCK Surface  | 15   | 1320/2  | 1720  | U   | ∠3.5U   | 22.03  | 140.∠5%   | 0.131  | 0.184  | <u> </u>                       |
| LTE Band 38  |   |   | 1  | 0  | Front Surface   | 15   | 38150   | 2610  | 0   | 24.50   | 23.62  | 122.46%   | 0.095  | 0.116  | 120                            |
| LTE Band 38  | 1   |   | 50   | 0  | Front Surface   | 15   | 38150   | 2610  | 0   | 24.50   | 23.62  | 126.47%   | 0.095  | 0.116  | - 120                          |
| LTE Band 38  | 20MHz   | QPSK  | 1  | 0  | Back Surface  | 15   | 38150   | 2610  | 0   | 24.50   | 23.62  | 122.46%   | 0.074  | 0.100  | -                              |
| LTE Band 38  |   |   | 50   | 0  | Back Surface  | 15   | 38150   | 2610  | 0   | 23.50   | 22.48  | 126.47%   | 0.063  | 0.080  | -                              |
|  |   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
| LTE Band 41  |   |   | 1  | 0  | Front Surface   | 15   | 41055   | 2636.5  | 0   | 24.50   | 23.59  | 123.31%   | 0.096  | 0.118  | 121                            |
| LTE Band 41  |   |   | 50   | 25   | Front Surface   | 15   | 41055   | 2636.5  | 0   | 23.50   | 22.51  | 125.60%   | 0.074  | 0.093  | -                              |
| LTE Band 41  | 20MHz   | QPSK  | 1  | 0  | Back Surface  | 15   | 41055   | 2636.5  | 0   | 24.50   | 23.59  | 123.31%   | 0.084  | 0.103  | -                              |
| LTE Band 41  |   |   | 50   | 25   | Back Surface  | 15   | 41055   | 2636.5  | 0   | 23.50   | 22.51  | 125.60%   | 0.062  | 0.078  | -                              |
| 41C  | 1   |   | 1  | 0  | Front Surface   | 15   | 39750   | 2506  | 0   | 24.50   | 23.36  | 130.02%   | 0.075  | 0.098  | -                              |
|  |   |   |  |  |   |  |   |   |   |   |  |   |  |  |                                |
| LTE Band 42  |   |   | 1  | 0  | Front Surface   | 15   | 42590   | 3500  | 0   | 24.50   | 23.48  | 126.47%   | 0.233  | 0.295  | 122                            |
| LTE Band 42  | 20MHz   | QPSK  | 50   | 25   | Front Surface   | 15   | 42590   | 3500  | 0   | 23.50   | 22.42  | 128.23%   | 0.182  | 0.233  | -                              |
| LTE Band 42  | 2011112   | Q. O.   | 1  | 0  | Back Surface  | 15   | 42590   | 3500  | 0   | 24.50   | 23.48  | 126.47%   | 0.104  | 0.132  | -                              |
| LTE Band 42  |   |   | 50   | 25   | Back Surface  | 15   | 42590   | 3500  | 0   | 23.50   | 22.42  | 128.23%   | 0.080  | 0.103  | -                              |
|  |   |   | - 00   | 20   |   |  |   |   |   |   |  |   |  |  |                                |
|  | Bandwidth   | Modulation  | RB   | RB   |   | Distance   |   | Freq.   | nei   | Max. Rated Avg.   | Measured<br>Aug Power  | Scaling   |  | SAR over 1g  |                                |
| Mode   | Bandwidth<br>(MHz)                                | Modulation  |  |  | Position  |  | Channel   |   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)  | Scaling   | (W   | /kg)   | ID                             |
|  |   | Modulation  | RB   | RB   |   | Distance   |   | Freq.   | DSI<br>0  | Power + Max.  | Avg. Power   | Scaling<br>124.74%  |  |  |                                |
| Mode   | (MHz)   | Modulation SCS 15kHz  | RB<br>Size   | RB<br>start  | Position  | Distance<br>(mm)                                       | Channel   | Freq.<br>(MHz)  |   | Power + Max.<br>Tolerance (dBm)   | Avg. Power<br>(dBm)  |   | (W<br>Measured   | /kg)<br>Reported   | ID                             |
| Mode<br>NR n2  |   |   | RB<br>Size   | RB<br>start  | Position<br>Front Surface   | Distance<br>(mm)                                       | Channel<br>376000   | Freq.<br>(MHz)  | 0   | Power + Max.<br>Tolerance (dBm)<br>24.50  | Avg. Power<br>(dBm)<br>23.54   | 124.74%   | (W<br>Measured<br>0.144  | (kg)<br>Reported<br>0.180  | ID                             |
| Mode<br>NR n2<br>NR n2   | (MHz)   | SCS 15kHz   | RB<br>Size<br>1<br>50  | RB<br>start<br>1<br>28   | Position  Front Surface  Front Surface  | Distance<br>(mm)<br>15                                 | Channel<br>376000<br>376000   | Freq.<br>(MHz)<br>1880<br>1880  | 0   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50   | Avg. Power<br>(dBm)<br>23.54<br>23.44  | 124.74%<br>127.64%  | 0.144<br>0.140   | Reported 0.180 0.179   | 123<br>-                       |
| Mode<br>NR n2<br>NR n2<br>NR n2  | (MHz)   | SCS 15kHz   | RB<br>Size<br>1<br>50  | RB start  1 28 1   | Position  Front Surface Front Surface Back Surface  | Distance (mm)  15  15  15                              | Channel<br>376000<br>376000<br>376000   | Freq.<br>(MHz)<br>1880<br>1880  | 0 0 0   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54   | 124.74%<br>127.64%<br>124.74%   | 0.144<br>0.140<br>0.095  | Reported 0.180 0.179 0.118   | 123<br>-                       |
| Mode<br>NR n2<br>NR n2<br>NR n2  | (MHz)   | SCS 15kHz   | RB<br>Size<br>1<br>50<br>1<br>50   | RB start  1 28 1 28  | Position  Front Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15                  | Channel  376000  376000  376000  376000  504000   | Freq.<br>(MHz)<br>1880<br>1880<br>1880<br>1880  | 0<br>0<br>0<br>0  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25   | 124.74%<br>127.64%<br>124.74%<br>127.64%  | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092   | Reported  0.180  0.179  0.118  0.117   | 123<br>-                       |
| Mode<br>NR n2<br>NR n2<br>NR n2<br>NR n2   | (MHz)   | SCS 15kHz<br>Pl/2 BPSK  | RB<br>Size<br>1<br>50<br>1<br>50   | RB start  1 28 1 28 1 28 1 54  | Position  Front Surface Front Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15                  | Channel 376000 376000 376000 376000 504000  | Freq.<br>(MHz)<br>1880<br>1880<br>1880<br>1880<br>2520<br>2520  | 0<br>0<br>0<br>0  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%  | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157   | Reported  0.180  0.179  0.118  0.117  0.173  0.170   | 123<br>-<br>-<br>-             |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  | (MHz)   | SCS 15kHz<br>Pl/2 BPSK  | RB Size  1 50 1 50 1 108 1   | RB start  1 28 1 28 1 54 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15              | Channel 376000 376000 376000 376000 504000 504000 504000  | Freq. (MHz)  1880  1880  1880  1880  2520  2520  2520   | 0<br>0<br>0<br>0<br>0   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>105.93%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138  | Reported  0.180  0.179  0.118  0.117  0.173  0.170  0.146  | 123<br>-<br>-<br>-<br>-<br>124 |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7   | (MHz)   | SCS 15kHz<br>Pl/2 BPSK  | RB<br>Size<br>1<br>50<br>1<br>50<br>1<br>108   | RB start  1 28 1 28 1 28 1 54  | Position  Front Surface Front Surface Back Surface Back Surface Bront Surface Front Surface Front Surface   | Distance (mm)  15  15  15  15  15  15  15              | Channel 376000 376000 376000 376000 504000  | Freq.<br>(MHz)<br>1880<br>1880<br>1880<br>1880<br>2520<br>2520  | 0<br>0<br>0<br>0  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%  | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157   | Reported  0.180  0.179  0.118  0.117  0.173  0.170   | 123<br>-<br>-<br>-<br>124      |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7   | (MHz)   | SCS 15kHz<br>Pl/2 BPSK  | RB Size  1 50 1 50 1 108 1 108   | RB start  1 28 1 28 1 54 1 54 54   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000 376000 376000 376000  504000 504000 504000  | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520  | 0<br>0<br>0<br>0<br>0   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25<br>24.15  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%   | (W<br>Measured<br>0.144<br>0.149<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported 0.180 0.180 0.179 0.118 0.117  0.173 0.170 0.146 0.144  | 123<br>                        |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  | (MHz)   | SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK  | RB Size  1 50 1 50 1 108 1 108   | RB start  1 28 1 28 1 54 1 54 1 1  | Position  Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000 376000 376000 376000 376000 504000 504000 504000 504000 379000  | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 1895  | 0<br>0<br>0<br>0<br>0<br>0<br>0   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported  0.180  0.179  0.118  0.117  0.173  0.170  0.146  0.144  0.258  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7   | (MHz)   | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1   | RB start  1 28 1 28 1 28 1 54 1 54 1 54 1 54   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000  376000  376000  376000  504000  504000  504000  504000  379000  379000   | Freq. (MHz)  1880  1880  1880  1880  1880  2520  2520  2520  2520  1895  1895   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.56  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>108.39%<br>119.12%<br>124.17%  | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.146 0.144 0.258 0.250   | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7   | (MHz) 20MHz 40MHz                                 | SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK  | RB Size  1 50 1 50 1 1 108 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 1 1   | RB start  1 28 1 28 1 54 1 54 1 54 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000   | Freq. (MHz)  1880  1880  1880  1880  1880  2520  2520  2520  2520  1895  1895   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Power + Max. Tolerance (dBm)  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.56<br>23.74   | 124.74%<br>127.64%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported  0.180  0.179  0.118  0.117  0.117  0.173  0.170  0.146  0.144  0.258  0.250  0.203   | 123<br>                        |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7   | (MHz) 20MHz 40MHz                                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1   | RB start  1 28 1 28 1 28 1 54 1 54 1 54 1 54   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000  376000  376000  376000  504000  504000  504000  504000  379000  379000   | Freq. (MHz)  1880  1880  1880  1880  1880  2520  2520  2520  2520  1895  1895   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.56  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>108.39%<br>119.12%<br>124.17%  | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.146 0.144 0.258 0.250   | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7   | (MHz) 20MHz 40MHz                                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1 50 1 50 1 1 108 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 1 1   | RB start  1 28 28 28 1 1 54 1 54 1 554 1 554   | Position  Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max. Tolerance (dbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 23.54 24.25 24.15 24.25 24.15 23.74 23.56 23.74 23.56   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133<br>0.217<br>0.201<br>0.170<br>0.150   | Reported  0.180  0.179  0.118  0.117  0.117  0.173  0.170  0.146  0.144  0.258  0.250  0.203  0.186  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25   | (MHz)  20MHz  40MHz  40MHz                        | SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK<br>SCS 15kHz<br>Pi/2 BPSK  | RB Size  1   | RB start  1 28 1 28 1 54 1 54 1 54 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel  376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 1895 1895 1895 1895  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Power + Max. Tolerance (dBm)  24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.74<br>23.56<br>23.74<br>23.56  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133   | Reported  0.180  0.179  0.118  0.117  0.117  0.173  0.170  0.146  0.144  0.258  0.250  0.203   | 123<br>                        |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  | (MHz) 20MHz 40MHz                                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1 1 50 1 1 50 1 108 1 108 1 108 1 108   | RB start  1 28 28 28 1 1 54 1 54 1 554 1 554   | Position  Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 376000 504000 504000 504000 37900 3790 379 | Freq. (MHz)  1880  1880  1880  1880  1880  2520  2520  2520  2520  1895  1895  1895  1730   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max. Tolerance (dBm) 24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>24.25<br>24.15<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.56<br>23.74<br>23.56   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>105.93%<br>108.39%<br>124.17%<br>124.17%<br>124.17%<br>129.42%<br>135.21%   | 0.144 0.140 0.195 0.095 0.092 0.163 0.157 0.138 0.133 0.133 0.217 0.201 0.170 0.150  | (Kg) Reported 0.180 0.180 0.179 0.118 0.177 0.118 0.177 0.118 0.177 0.146 0.144 0.258 0.250 0.203 0.186 0.144 0.14 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25   | (MHz)  20MHz  40MHz  40MHz                        | SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK   | RB Size  1   | RB start  1 28 21 1 28 1 1 54 1 54 1 54 1 54   | Position  Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 1895 1895 1895 1895  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max. Tolerance (dBm)  24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>24.25<br>24.15<br>24.25<br>24.15<br>23.74<br>23.74<br>23.56<br>23.74<br>23.56  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%   | (W<br>Measured<br>0.144<br>0.140<br>0.095<br>0.092<br>0.163<br>0.157<br>0.138<br>0.133<br>0.217<br>0.201<br>0.170<br>0.150   | Reported  0.180  0.179  0.118  0.117  0.117  0.173  0.170  0.146  0.144  0.258  0.250  0.203  0.186  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  | (MHz)  20MHz  40MHz  40MHz                        | SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK   | RB Size 1 1 50 50 1 1 108 1 108 1 1 108 1 1 1 1 1 1 1 1  | RB start  1 28 28 1 54 1 54 1 54 1 54 1 54 1 54 1 1 54 1 1 54 1 1 54 1 1 1 54 1 1 1 54 1 1 1 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 1895 1895 1895 1730 1730  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  | Power + Max. Tolerance (dbm) 24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.54<br>23.54<br>24.25<br>24.15<br>24.25<br>24.15<br>24.25<br>24.25<br>24.25<br>24.25<br>23.74<br>23.56<br>23.74<br>23.56   | 124,74%<br>127,64%<br>124,74%<br>127,64%<br>105,93%<br>108,39%<br>108,39%<br>108,39%<br>119,12%<br>124,17%<br>119,12%<br>124,17%<br>129,42%   | Weasured 0.144 0.140 0.140 0.163 0.095 0.092 0.163 0.157 0.138 0.133 0.137 0.217 0.201 0.170 0.150 0.150 0.100 0.095 0.005 0.0 | (Kg) Reported 0.180 0.179 0.118 0.117 0.118 0.117 0.170 0.146 0.144 0.258 0.250 0.203 0.186  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  | (MHz)  20MHz  40MHz  40MHz                        | SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK   | RB Size 1 1 50 50 1 1 108 1 108 1 1 108 1 1 1 1 1 1 1 1  | RB start  1 28 28 1 54 1 54 1 54 1 54 1 54 1 54 1 1 54 1 1 54 1 1 54 1 1 1 54 1 1 1 54 1 1 1 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 346000 346000 346000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 1895 1895 1895 1730 1730  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Power + Max. Tolerance (dbm) 24.50  | Avg. Power<br>(dBm)<br>23.54<br>23.44<br>23.54<br>23.54<br>23.54<br>24.25<br>24.15<br>24.25<br>24.15<br>24.25<br>24.25<br>24.25<br>24.25<br>23.74<br>23.56<br>23.74<br>23.56   | 124,74%<br>127,64%<br>124,74%<br>127,64%<br>105,93%<br>108,39%<br>108,39%<br>108,39%<br>119,12%<br>124,17%<br>119,12%<br>124,17%<br>129,42%   | Weasured 0.144 0.140 0.140 0.163 0.095 0.092 0.163 0.157 0.138 0.133 0.137 0.217 0.201 0.170 0.150 0.150 0.100 0.095 0.005 0.0 | (Kg) Reported 0.180 0.179 0.118 0.117 0.118 0.117 0.170 0.146 0.144 0.258 0.250 0.203 0.186  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n8  NR n85  NR n85  NR n85  NR n86  NR n86  NR n86  NR n86   | (MHz)  20MHz  40MHz  40MHz  40MHz                 | SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK<br>SCS 15kHz<br>PV2 BPSK   | RB Size  1 1 50 50 1 1 108 1 1 | RB start  1 28 28 28 1 28 1 54 1 54 1 54 1 54 54 1 54 54 1 54 554 1 554 1 555  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 1895 1895 1895 1730 1730   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                               | Power + Max. Tolerance (dBm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.44 23.44 25.24.15 24.15 24.15 24.15 23.74 23.56 23.74 23.36 23.37 23.38 23.19 23.38  | 124,74%<br>127,64%<br>122,74%<br>127,64%<br>105,93%<br>105,93%<br>108,39%<br>119,12%<br>124,17%<br>119,12%<br>124,17%<br>129,42%<br>135,21%   | WMeasured  | (%g) Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.144 0.258 0.250 0.203 0.148 0.144 0.147 0.091  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n5  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n66  NR n66  | (MHz) 20MHz 40MHz 40MHz                           | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size 1 1 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | RB start  1 28 28 1 8 1 54 54 54 54 554 1 1 554 1 1 554 1 1 555 1 1 555 1 1 555 1 1 555 1 1  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mmn)  15  15  15  15  15  15  15  15  15  1  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 346000 346000 346000 346000 346000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 1895 1895 1895 1730 1730 1730  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                                    | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.19 23.38 23.19 24.12 24.12   | 124.74%<br>127.64%<br>127.64%<br>128.76%<br>105.93%<br>105.93%<br>108.99%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>125.21%<br>125.21%<br>125.21%  | 0.144 0.140 0.140 0.160 0.092 0.163 0.157 0.133 0.133 0.133 0.131 0.217 0.201 0.170 0.150 0.114 0.109 0.065  | (%g) Reported 0.180 0.179 0.181 0.173 0.173 0.173 0.176 0.144 0.258 0.259 0.203 0.186 0.148 0.147 0.088  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n66  NR n66  NR n66  NR n66  NR n66  NR n66  NR n66  NR n66  NR n66  NR n68  NR n68   | (MHz)  20MHz  40MHz  40MHz  40MHz                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size 1 1 50 1 1 1 1 1 1 1 1 1 5 0 5 0   | RB start  1 28 28 1 1 28 1 54 54 54 54 54 54 554 1 54 54 54 54 554 554 554   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 379000 379000 379000 379000 346000 346000 346000 346000 520000 520000  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 1895 1895 1895 1730 1730 1730 1730 2600  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                     | Power + Max. Tolerance (dBm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 24.55 24.15 24.25 24.25 24.25 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.76 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>119.12%<br>125.11%<br>129.42%<br>135.21%<br>129.42%<br>135.21%<br>119.12%   | Weasured 0.144   0.144   0.140   0.095   0.095   0.092   0.163   0.157   0.133   0.133   0.217   0.201   0.170   0.150   0.160   0.160   0.160   0.160   0.160   0.160   0.160   0.161   0.162   0.163   0.164   0.165 | (Kg) Reported 0.180 0.179 0.180 0.179 0.118 0.1117 0.173 0.170 0.174 0.144 0.258 0.250 0.250 0.250 0.260 0.186 0.147 0.091 0.068 0.156 0.156 0.156 0.156 0.156   | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n8  NR n86  NR n86  NR n86  NR n86  NR n86  NR n86  NR n88  NR n38  NR n38  | (MHz)  20MHz  40MHz  40MHz  40MHz                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1 1 50 50 1 1 108 1 1 | RB start  1 28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 379000 346000 346000 346000 50000 50000 50000 500000 500000 500000 500000 500000 500000   | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1730 1730 1730 1730 2600 2600   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dBm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.36 23.74 23.66 23.74 23.66 23.74 24.25 24.15 24.25 24.15 24.25 24.15 24.26 24.27 24.27 24.00 24.12 24.00   | 124.74%<br>127.64%<br>122.74%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.25<br>129.42%<br>135.21%<br>109.14%<br>112.20%   | Weasured   | (Kg) Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.174 0.180 0.144 0.258 0.250 0.203 0.186 0.144 0.147 0.091 0.068 0.151 0.15 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n5  NR n25  NR n25  NR n25  NR n25  NR n66  NR n66  NR n66  NR n66  NR n66  NR n68  NR n38  NR n38  NR n38   | (MHz)  20MHz  40MHz  40MHz  40MHz                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size 1 1 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | RB start  1 28  2 8  1 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000 50000 50000 500000 500000 500000 500000 500000 500000 500000   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.44 23.44 23.54 24.25 24.15 24.25 24.15 23.74 23.56 23.36 23.39 23.19 24.42 24.00 24.12 24.00   | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>125.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%   | 0.144 0.140 0.140 0.163 0.092 0.163 0.157 0.133 0.133 0.133 0.131 0.217 0.201 0.170 0.150 0.114 0.109 0.065  | Reported  0.180 0.179 0.180 0.179 0.118 0.117  0.173 0.170 0.174 0.144  0.258 0.258 0.203 0.186  0.148 0.147 0.088  0.148 0.147 0.098  0.156 0.156 0.151 0.113   | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n66  NR n68  | (MHz)  20MHz  40MHz  40MHz  40MHz                 | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 30kHz<br>PI/2 BPSK                    | RB Size  1 1 50 1 1 108  | RB start  1 28 28 1 1 28 1 54 54 54 54 1 54 54 1 554 1 | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 346000 346000 346000 346000 50000 50000 50000 500000   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 24.25 24.15 23.74 23.56 23.19 23.38 23.19 24.25 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 23.54   | 124.74% 127.64% 127.64% 127.64% 105.93% 105.93% 108.39% 109.14% 124.17% 124.17% 129.42% 135.21% 109.14% 112.20% 109.14% 112.20% 1124.77%  | 0.144 0.140 0.192 0.193 0.095 0.095 0.095 0.095 0.163 0.157 0.133 0.133 0.217 0.217 0.150 0.150 0.150 0.150 0.114 0.109 0.071 0.165 0.109 0.101 0.101 0.101  | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.173 0.174 0.144 0.258 0.250 0.250 0.186 0.147 0.091 0.018 0.156 0.151 0.117  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n66  NR n66  NR n66  NR n66  NR n66  NR n68  | 20MHz 20MHz 40MHz 40MHz 40MHz 40MHz               | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK  | RB Size  1 100 100 100 100 100 100 100 100 100   | RB start  1 28 28 28 19 28 19 29 19  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000 502000 520000 520000 520000 520000 520000 520000 520000 520000 520000   | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2546.01  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dBm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.44 23.44 25 24.25 24.15 23.74 23.56 23.56 23.74 23.56 23.5 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>105.93%<br>119.12%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.20%  | 0.144 0.140 0.163 0.163 0.163 0.157 0.163 0.157 0.201 0.170 0.201 0.170 0.100 0.171 0.005 0.143 0.133 0.133  | (Kg) Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.144 0.258 0.250 0.203 0.186 0.147 0.091 0.085 0.156 0.156 0.155 0.155 0.117 0.113 0.113 0.1136 0.1135 0.1135 0.112   | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n66  NR n68  | 20MHz 20MHz 40MHz 40MHz 40MHz 40MHz               | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 30kHz<br>PI/2 BPSK                    | RB Size  1 1 50 1 1 108  | RB start  1 28 28 1 1 28 1 54 54 54 54 1 54 54 1 554 1 | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface Front Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 346000 346000 346000 346000 50000 50000 50000 500000   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 24.25 24.15 23.74 23.56 23.19 23.38 23.19 24.25 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 23.54   | 124.74% 127.64% 127.64% 127.64% 105.93% 105.93% 108.39% 109.14% 124.17% 124.17% 129.42% 135.21% 109.14% 112.20% 109.14% 112.20% 1124.77%  | 0.144 0.140 0.192 0.193 0.095 0.095 0.095 0.095 0.163 0.157 0.133 0.133 0.217 0.217 0.150 0.150 0.150 0.150 0.114 0.109 0.071 0.165 0.109 0.101 0.101 0.101  | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.173 0.174 0.144 0.258 0.250 0.250 0.186 0.147 0.091 0.018 0.156 0.151 0.117  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n86  NR n86  NR n86  NR n86  NR n88  NR n38  NR n38  NR n38  NR n38  NR n38  NR n38  | 20MHz 20MHz 40MHz 40MHz 40MHz 40MHz               | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 30kHz<br>PI/2 BPSK                    | RB Size  1 1 50 50 50 10 108 108 108 108 108 108 108 108 108   | RB start  1 28 28 1 1 28 1 1 54 54 1 54 54 1 54 5 1 54 5 1 54 5 1 54 5 1 5 1 5 1 5 1 5 1 5 1 5 1 1 5 1 1 1 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 520000  | Freq. (MHz)  1880  1880  1880  1880  1880  2520  2520  2520  2520  1895  1895  1895  1730  1730  1730  2600  2600  2600  2546.01  2640  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.19 23.39 23.19 23.39 24.12 24.00 24.12 24.00 24.12 24.00 24.12 23.54 23.54 23.44 23.54 23.44   | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.00%  | 0.144 0.140 0.144 0.140 0.095 0.095 0.095 0.092 0.163 0.157 0.133 0.133 0.133 0.133 0.133 0.133 0.141 0.109 0.071 0.109 0.071 0.109 0.071 0.109 0.071 0.109 0.065 0.143 0.135 0.107 0.1109 0.109   | (%g) Reported 0.180 0.179 0.1180 0.117 0.113 0.113 0.118 0.117 0.173 0.170 0.170 0.174 0.174 0.174 0.174 0.174 0.174 0.174 0.174 0.174 0.174 0.174 0.014 0.174 0.014 0.174 0.014 0.0 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n66  NR n66  NR n66  NR n66  NR n68   | 20MHz 20MHz 40MHz 40MHz 40MHz 40MHz               | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 30kHz<br>PI/2 BPSK                    | RB Size  1 1 50 1 1 108 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 1 1  | RB start  1 28 28 1 28 1 54 54 54 55 1 1 54 55 1 1 55 1 1 56 57 1 1 58 58 1 1 59 1 1 69 1 1  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 379000 379000 504000   | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 2600 2600 2600 2646.01 2546.01 2640   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.54 23.54 23.44 25 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.19 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 24.10 23.54 23.44 23.44 23.44 23.44  | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>105.93%<br>105.93%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>112.20%   | 0.144 0.140 0.144 0.140 0.192 0.095 0.092 0.163 0.157 0.138 0.157 0.201 0.170 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101 0.101  | (%g) Reported 0.180 0.179 0.118 0.117 0.117 0.113 0.170 0.16 0.180 0.170 0.118 0.117 0.118 0.117 0.118 0.125 0.250 0.203 0.184 0.147 0.091 0.088 0.150 0.151 0.117 0.113 0.136 0.135 0.112 0.110 0.112 0.110 0.125 0.110 0.110 0.125 0.110 0.125 0.110 0.110 0.125 0.110 0.125 0.110 0.110 0.125 0.110 0.125 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 0.110 0.125 0.110 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n88   | 20MHz 20MHz 40MHz 40MHz 40MHz 40MHz               | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz SCS 30kHz SCS 30kHz            | RB Size  1 1 50 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 1 108 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | RB start  1 28 28 1 28 1 54 5 54 5 1 54 5 1 54 5 1 55 5 1 5  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface   | Distance (mmn)  15 15 15 15 15 15 15 15 15 15 15 15 15 | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 346000 346000 346000 520000  | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.44 23.44 23.56 23.79 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.00 24.12 24.00 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>135.21%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%  | 0.144 0.140 0.144 0.140 0.140 0.163 0.092 0.163 0.157 0.133 0.133 0.133 0.133 0.107 0.150 0.160 0.160 0.160 0.006 0.006 0.006  | (%g) Reported 0.180 0.179 0.181 0.117 0.173 0.173 0.170 0.176 0.144 0.258 0.250 0.203 0.186 0.147 0.098 0.151 0.151 0.151 0.151 0.113 0.135 0.135 0.135 0.135  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n | 20MHz 20MHz 40MHz 40MHz 40MHz 100MHz              | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK<br>SCS 30kHz<br>PI/2 BPSK                    | RB Size  1 100 100 100 100 100 100 100 100 100   | RB start  1 28 28 28 19 28 19 29 19 29 29 29 29 29 29 29 29 29 29 29 29 29   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000 520000 520000 520000 520000 520000 520000 520000 520000 520000 520000   | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2600 2600 2546.01 2640 2556.01 2640                        | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dBm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.38 23.19 23.39 23.19 23.39 23.19 23.38 23.19 23.23 23.23 23.23 23.23 23.23 23.23 23.39 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%  | (W) (W) (W) (W) (W) (W) (W) (W) (W) (W)  | (%g) Reported 0.180 0.179 0.118 0.117 0.113 0.170 0.118 0.118 0.118 0.118 0.118 0.117 0.170 0.17 | 128                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n86  NR n86  NR n86  NR n86  NR n88  | 20MHz 20MHz 40MHz 40MHz 40MHz 100MHz              | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz SCS 30kHz SCS 30kHz            | RB Size  1 1 50 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 108 1 1 1 108 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | RB start  1 28 28 1 28 1 54 5 54 5 1 54 5 1 54 5 1 55 5 1 5  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface   | Distance (mmn)  15 15 15 15 15 15 15 15 15 15 15 15 15 | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 346000 346000 346000 520000  | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.44 23.44 23.56 23.79 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.12 24.00 24.00 24.12 24.00 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>135.21%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>127.64%  | 0.144 0.140 0.144 0.140 0.140 0.163 0.092 0.163 0.157 0.133 0.133 0.133 0.133 0.107 0.150 0.160 0.160 0.160 0.006 0.006 0.006  | (%g) Reported 0.180 0.179 0.181 0.117 0.173 0.173 0.170 0.176 0.144 0.258 0.250 0.203 0.186 0.147 0.098 0.151 0.151 0.151 0.151 0.113 0.135 0.135 0.135 0.135  | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n8  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n68  NR n88  NR n38   | 20MHz 20MHz 40MHz 40MHz 40MHz 100MHz              | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz SCS 30kHz SCS 30kHz            | RB Size  1 1 50  1 108  1 108  1 108  1 108  1 108  1 108  1 108  1 1 108  1 1 108  1 1 108  1 1 108  1 1 108  1 1 108  1 1 108  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | RB start  1 28 28 1 28 1 54 54 54 54 54 54 1 54 54 1 54 1 55 1 1 55 1 1 69 1 1 69 1 1 69   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 346000 346000 346000 520000   | Freq. (MHz)  1880  1880  1880  1880  1880  1880  1880  1890  2520  2520  2520  2520  1895  1895  1895  1730  1730  1730  2600  2600  2600  2600  2600  2546.01  2640  2546.01  3786  3786 | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.14 23.56 23.14 23.56 23.38 23.19 23.19 23.10 2 | 124.74%<br>127.64%<br>122.74%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>119.12%<br>129.42%<br>135.21%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>101.14%<br>112.20%<br>124.74%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>127.64%  | 0.144 0.140 0.144 0.140 0.195 0.092 0.163 0.157 0.133 0.133 0.217 0.201 0.150 0.150 0.150 0.150 0.171 0.160 0.090 0.090 0.090 0.090 0.090 0.090 0.090 0.098 0.085  | (Kg) Reported 0.180 0.179 0.180 0.179 0.118 0.117 0.173 0.173 0.170 0.174 0.180 0.258 0.250 0.203 0.186 0.187 0.18 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR | 20MHz 20MHz 40MHz 40MHz 40MHz 100MHz              | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 100 100 100 100 100 100 100 100 100   | RB start  1 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface   | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 379000 379000 504000 605400 605400 6052400 6052400 6052400   | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2600 2600 2600 2760 276  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.54 23.44 25 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.19 23.23 23.23 23.23 23.23 23.23 23.24 23.44 23.44 23.44 23.42 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.14 23.14 23.15 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.14 23.14 23.14 23.14 23.14 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.13 23.14 23.1 | 124.74%<br>127.64%<br>122.74%<br>122.74%<br>105.93%<br>108.39%<br>108.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%   | (W) Measured 0.144 0.140 0.140 0.163 0.095 0.095 0.092 0.163 0.157 0.201 0.170 0.101 0.109 0.0143 0.143 0.143 0.143 0.107 0.101 0.109 0.109 0.068  | (%g) Reported 0.180 0.179 0.118 0.119 0.119 0.119 0.119 0.117 0.173 0.170 0.174 0.17 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n5  NR n25  NR n25  NR n25  NR n25  NR n66  NR n66  NR n66  NR n66  NR n68  NR n68  NR n641  NR n41  | 20MHz 20MHz 40MHz 40MHz 40MHz 100MHz              | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 1 50 1 108 1 108 1 108 1 1  | RB start  1 28  2 8  1 1 28  1 1 54  5 1 54  5 1 54  5 1 54  5 1 55  1 | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mmn)  15 15 15 15 15 15 15 15 15 15 15 15 15 | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000 520000 520000 520000 520000 520000 652400 652400 652400 652400 652400 652400   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50  | Avg. Power (dBm) 23.54 23.44 23.56 24.15 23.74 23.74 23.56 23.19 23.38 23.19 24.12 24.00 24.12 24.12 24.00 24.12 24.00 24.12 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.99%<br>108.99%<br>108.99%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>119.12%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>140.28%<br>147.57%<br>140.28%<br>147.57%  | 0.144 0.140 0.144 0.140 0.140 0.163 0.092 0.163 0.157 0.138 0.133 0.133 0.217 0.217 0.150 0.150 0.150 0.160 0.161 0.161 0.162 0.088 0.088 0.088 0.088  | (%g) Reported 0.180 0.179 0.180 0.179 0.117 0.173 0.173 0.170 0.144 0.258 0.250 0.203 0.186 0.148 0.147 0.088 0.150 0.151 0.175 0.17 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n68  NR n68  NR n69  NR n79  NR n77  | 40MHz 40MHz 40MHz 40MHz 100MHz                    | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 10 10 10 10 10 10 10 10 10 10 10 10 10  | RB start  1 28 28 28 28 1 54 54 54 54 54 54 54 54 54 54 54 54 55 54 55 55  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 3379000 3379000 3379000 3379000 346000 346000 346000 502000  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2546.01 2546.01 2640 3786 3786 3786 3786 3786                   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.66 23.74 23.66 23.74 23.66 23.74 23.75 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.47%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%  | (W) Measured 0.144 0.140 0.140 0.190 0.095 0.095 0.092 0.163 0.157 0.133 0.133 0.217 0.201 0.170 0.159 0.165 0.165 0.165 0.167 0.171 0.109 0.071 0.109 0.071 0.109 0.066 0.066 0.066 0.068 0.068 0.088   | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.173 0.174 0.180 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.187 0.186 0.187 0.18 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n5  NR n25  NR n25  NR n25  NR n25  NR n66  NR n66  NR n66  NR n66  NR n68  NR n68  NR n641  NR n41  | 40MHz 40MHz 40MHz 40MHz 100MHz                    | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 1 50 1 108 1 108 1 108 1 1  | RB start  1 28  2 8  1 1 28  1 1 54  5 1 54  5 1 54  5 1 54  5 1 55  1 | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Back Surface Back Surface Front Surface Front Surface Front Surface Back Surface Front Surface Back Surface Front Surface Back Surface Back Surface Front Surface Back Surface Back Surface Back Surface Back Surface  | Distance (mmn)  15 15 15 15 15 15 15 15 15 15 15 15 15 | Channel 376000 376000 376000 376000 376000 504000 504000 504000 379000 379000 379000 379000 346000 346000 346000 520000 520000 520000 520000 520000 652400 652400 652400 652400 652400 652400   | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50  | Avg. Power (dBm) 23.54 23.44 23.56 24.15 23.74 23.74 23.56 23.19 23.38 23.19 24.12 24.00 24.12 24.12 24.00 24.12 24.00 24.12 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.99%<br>108.99%<br>108.99%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>119.12%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>140.28%<br>147.57%<br>140.28%<br>147.57%  | 0.144 0.140 0.144 0.140 0.140 0.163 0.092 0.163 0.157 0.138 0.133 0.133 0.217 0.217 0.150 0.150 0.150 0.160 0.161 0.161 0.162 0.088 0.088 0.088 0.088  | (%g) Reported 0.180 0.179 0.180 0.179 0.117 0.173 0.173 0.170 0.144 0.258 0.250 0.203 0.186 0.148 0.147 0.088 0.150 0.151 0.175 0.17 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n68  NR n68  NR n69  NR n79  NR n77  | 40MHz 40MHz 40MHz 40MHz 100MHz                    | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 10 10 10 10 10 10 10 10 10 10 10 10 10  | RB start  1 28 28 28 28 1 54 54 54 54 54 54 54 54 54 54 54 54 55 54 55 55  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 3379000 3379000 3379000 3379000 346000 346000 346000 502000  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2546.01 2546.01 2640 3786 3786 3786 3786 3786                   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.66 23.74 23.66 23.74 23.66 23.74 23.75 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.47%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>124.74%<br>127.64%<br>127.64%<br>147.57%<br>147.57%  | (W) Measured 0.144 0.140 0.140 0.190 0.095 0.095 0.092 0.163 0.157 0.133 0.133 0.217 0.201 0.170 0.159 0.165 0.165 0.165 0.167 0.171 0.109 0.071 0.109 0.071 0.109 0.066 0.066 0.066 0.068 0.068 0.088   | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.173 0.174 0.180 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.187 0.186 0.187 0.18 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n69  NR n78  NR n77  | 40MHz 40MHz 40MHz 40MHz 100MHz                    | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 10 10 10 10 10 10 10 10 10 10 10 10 10  | RB start  1 28 28 28 28 1 54 54 54 54 54 54 54 54 54 54 54 54 55 54 55 55  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface   | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 3379000 3379000 3379000 3379000 346000 346000 346000 502000  | Freq. (MHz) 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1895 1895 1895 2600 2600 2600 2600 2600 2600 2600 260  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.44 23.44 24.25 24.15 23.74 23.56 23.38 23.19 23.39 23.19 24.12 24.00 24.12 24.00 23.54 23.44 23.44 23.25 24.15 23.56   | 124.74% 127.64% 127.64% 127.64% 127.64% 105.93% 108.39% 108.39% 119.12% 124.17% 119.12% 124.17% 129.42% 135.21% 109.14% 112.20% 127.64% 127.64% 127.64% 127.64% 137.40% 140.28% 137.40% 140.28%   | (W) Measured 0.144 0.140 0.144 0.140 0.095 0.095 0.095 0.095 0.163 0.157 0.133 0.133 0.133 0.133 0.133 0.133 0.133 0.100 0.100 0.100 0.100 0.100 0.100 0.101 0.100 0.101 0.100 | (%g) Reported 0.180 0.179 0.118 0.117 0.117 0.173 0.170 0.176 0.180 0.186 0.18 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n68  NR n68  NR n69  NR n79  NR n77  | (MHz)  20MHz  40MHz  40MHz  40MHz  100MHz         | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 10 108 108 108 108 108 108 108 108 108  | RB start  1 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29  | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Back Surface  | Distance (mm)  15  15  15  15  15  15  15  15  15  1   | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 379000 379000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 504000 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 2520 1895 1895 1895 1895 1730 1730 1730 1730 2600 2600 2600 2600 2546.01 2546.01 2640 3786 3786 3786 3786 3786                   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50   | Avg. Power (dBm) 23.54 23.44 23.54 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.75 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.47%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>124.74%<br>127.64%<br>127.64%<br>147.57%<br>147.57%  | (W) Measured 0.144 0.140 0.140 0.190 0.095 0.095 0.092 0.163 0.157 0.133 0.133 0.217 0.201 0.170 0.159 0.165 0.165 0.165 0.167 0.171 0.109 0.071 0.109 0.071 0.109 0.066 0.066 0.066 0.068 0.068 0.088   | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.173 0.174 0.180 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.186 0.187 0.186 0.187 0.18 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n25  NR n66  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n69  NR n78  NR n77   | 40MHz 40MHz 40MHz 40MHz 100MHz                    | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK                      | RB Size  1 10 10 108 1108 1108 1108 1108 1108 1  | RB start  1 28  28  1 15  54  54  54  54  54  54  54  54  54   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Back Surface                         | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 346000 346000 520000 520000 520000 520000 520000 520000 652400  | Freq. (MHz) 1880 1880 1880 1880 1880 1880 1880 188  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm)  24.50 | Avg. Power (dBm) 23.54 23.44 23.44 23.44 24.25 24.15 24.15 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.74 23.56 23.74 2 | 124.74% 127.64% 127.64% 127.64% 128.74% 105.93% 108.39% 108.39% 109.124,17% 119.12% 124.17% 119.12% 124.17% 119.12% 124.17% 129.42% 135.21% 109.14% 112.20% 109.14% 112.20% 127.64%   | (W) Measured 0.144 0.140 0.140 0.140 0.163 0.092 0.163 0.157 0.133 0.133 0.133 0.133 0.217 0.201 0.170 0.150 0.160 | (%g) Reported  0.180  0.170  0.180  0.173  0.173  0.177  0.173  0.170  0.146  0.144  0.258  0.250  0.203  0.186  0.156  0.151  0.151  0.175  0 | 123                            |
| Mode  NR n2  NR n2  NR n2  NR n2  NR n2  NR n7  NR n7  NR n7  NR n7  NR n7  NR n7  NR n25  NR n25  NR n25  NR n25  NR n26  NR n66  NR n66  NR n66  NR n66  NR n68  NR n68  NR n68  NR n68  NR n68  NR n69  NR n78  NR n77  | (MHz)  20MHz  40MHz  40MHz  40MHz  100MHz  100MHz | SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 15kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK  SCS 30kHz PI/2 BPSK | RB Size  1 100 100 100 100 100 100 100 100 100   | RB start  1 28 28 28 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30  | Position  Front Surface Front Surface Back Surface Back Surface Front Surface Front Surface Back Surface | Distance (mm)  15 15 15 15 15 15 15 15 15 15 15 15 15  | Channel 376000 376000 376000 376000 376000 504000 504000 504000 504000 379000 379000 379000 379000 379000 379000 504000 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400 605400  | Freq. (MHz) 1880 1880 1880 1880 1880 2520 2520 2520 2520 2520 2520 2520 2   | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | Power + Max. Tolerance (dbm) 24.50  | Avg. Power (dBm) 23.54 23.44 23.54 23.44 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.56 23.74 23.75 23.76 23.76 23.77 2 | 124.74%<br>127.64%<br>127.64%<br>127.64%<br>105.93%<br>108.39%<br>108.39%<br>109.39%<br>119.12%<br>124.17%<br>119.12%<br>124.17%<br>129.42%<br>135.21%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>109.14%<br>112.20%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47%<br>112.47 | (W) Measured 0.144 0.140 0.140 0.190 0.095 0.092 0.163 0.153 0.133 0.217 0.201 0.170 0.170 0.170 0.170 0.170 0.170 0.171 0.065 0.065 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066 0.066   | (%g) Reported 0.180 0.179 0.118 0.117 0.173 0.170 0.174 0.174 0.258 0.259 0.203 0.186 0.186 0.186 0.187 0.187 0.187 0.187 0.187 0.187 0.187 0.187 0.187 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.188 0.189 0.18 | 123                            |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 512 of 939

Body-worn Ant3

| Mode             | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W/ |          | ID |
|------------------|--------------------|------------|------------|-------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|-------------------|----------|----|
|                  | (MHZ)              |            | Size       | start       |               | (mm)             |         | (MHZ)          |     | Tolerance (dBm)                 | (dBm)                  |         | Measured          | Reported | 1  |
| LTE Band 5       |                    |            | 1          | 0           | Front Surface | 15               | 20600   | 844            | 0   | 24.50                           | 23.53                  | 125.03% | 0.144             | 0.180    | 1  |
| LTE Band 5       | 10MHz              | QPSK       | 25         | 0           | Front Surface | 15               | 20600   | 844            | 0   | 23.50                           | 22.47                  | 126.77% | 0.112             | 0.142    |    |
| LTE Band 5       | TOWINZ             | QFSK       | 1          | 0           | Back Surface  | 15               | 20600   | 844            | 0   | 24.50                           | 23.53                  | 125.03% | 0.100             | 0.125    |    |
| LTE Band 5       | $\neg$             |            | 25         | 0           | Back Surface  | 15               | 20600   | 844            | 0   | 23.50                           | 22.47                  | 126.77% | 0.081             | 0.103    |    |
|                  |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          |    |
| LTE Band 12      |                    |            | 1          | 0           | Front Surface | 15               | 23060   | 704            | 0   | 24.50                           | 23.12                  | 137.40% | 0.038             | 0.052    | 1  |
| LTE Band 12      | 10MHz              | OPSK       | 25         | 12          | Front Surface | 15               | 23060   | 704            | 0   | 23.50                           | 22.06                  | 139.32% | 0.026             | 0.036    |    |
| LTE Band 12      | TOWINZ             | QFSK       | 1          | 0           | Back Surface  | 15               | 23060   | 704            | 0   | 24.50                           | 23.12                  | 137.40% | 0.027             | 0.037    |    |
| LTE Band 12      | $\neg$             |            | 25         | 25          | Back Surface  | 15               | 23060   | 704            | 0   | 23.50                           | 22.06                  | 139.32% | 0.021             | 0.029    |    |
|                  |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          |    |
| LTE Band 17      |                    |            | 1          | 0           | Front Surface | 15               | 23800   | 711            | 0   | 24.50                           | 22.95                  | 142.89% | 0.036             | 0.051    | 1  |
| LTE Band 17      |                    | QPSK       | 25         | 25          | Front Surface | 15               | 23800   | 711            | 0   | 23.50                           | 21.87                  | 145.55% | 0.027             | 0.039    |    |
| LTE Band 17      | 10MHz              | QPSK       | 1          | 0           | Back Surface  | 15               | 23800   | 711            | 0   | 24.50                           | 22.95                  | 142.89% | 0.026             | 0.037    |    |
| LTE Band 17      | _                  |            | 25         | 50          | Back Surface  | 15               | 23800   | 711            | 0   | 23.50                           | 21.87                  | 145.55% | 0.020             | 0.029    |    |
|                  |                    | l e        |            |             |               | 1                |         |                |     |                                 |                        |         |                   |          |    |
| LTE Band 26      |                    | l e        | 1          | 0           | Front Surface | 15               | 26765   | 821.5          | 0   | 24.50                           | 23.31                  | 131.52% | 0.118             | 0.155    |    |
| LTE Band 26      |                    |            | 36         | 18          | Front Surface | 15               | 26865   | 831.5          | 0   | 23.50                           | 22.20                  | 134.90% | 0.088             | 0.119    |    |
| LTE Band 26      | 15MHz              | QPSK       | 1          | 0           | Back Surface  | 15               | 26765   | 821.5          | 0   | 24.50                           | 23.31                  | 131.52% | 0.084             | 0.111    |    |
| LTE Band 26      |                    |            | 36         | 25          | Back Surface  | 15               | 26865   | 831.5          | 0   | 23.50                           | 22.20                  | 134.90% | 0.065             | 0.088    |    |
|                  |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          |    |
| LTE Band 71      |                    | İ          | 1          | 0           | Front Surface | 15               | 133222  | 673            | 0   | 24.50                           | 23.78                  | 118.03% | 0.020             | 0.024    | 1  |
| LTE Band 71      |                    |            | 50         | 25          | Front Surface | 15               | 133222  | 673            | 0   | 23.50                           | 22.73                  | 119.40% | 0.017             | 0.020    |    |
| LTE Band 71      | 20MHz              | QPSK       | 1          | 0           | Back Surface  | 15               | 133222  | 673            | 0   | 24.50                           | 23.78                  | 118.03% | 0.014             | 0.016    |    |
| LTE Band 71      | _                  |            | 50         | 25          | Back Surface  | 15               | 133222  | 673            | 0   | 23.50                           | 22.73                  | 119.40% | 0.010             | 0.012    |    |
| Mode             | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W/ |          |    |
|                  | (IVITIZ)           |            | Size       | Stall t     |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured          | Reported |    |
| NR n5            |                    |            | 1          | 1           | Front Surface | 15               | 167800  | 839            | 0   | 24.50                           | 23.45                  | 127.35% | 0.119             | 0.152    | 1  |
| NR n5            | 20MHz              | SCS 15kHz  | 50         | 28          | Front Surface | 15               | 167800  | 839            | 0   | 24.50                           | 23.27                  | 132.74% | 0.110             | 0.146    |    |
| NR n5            | ZOWII IZ           | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 167800  | 839            | 0   | 24.50                           | 23.45                  | 127.35% | 0.086             | 0.109    |    |
| NR n5            |                    |            | 50         | 28          | Back Surface  | 15               | 167800  | 839            | 0   | 24.50                           | 23.27                  | 132.74% | 0.081             | 0.108    |    |
|                  |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          |    |
| NR n12           |                    |            | 1          | 1           | Front Surface | 15               | 141300  | 706.5          | 0   | 24.50                           | 23.08                  | 138.68% | 0.035             | 0.049    |    |
| NR n12           | 15MHz              | SCS 15kHz  | 36         | 22          | Front Surface | 15               | 141300  | 706.5          | 0   | 24.50                           | 22.94                  | 143.22% | 0.032             | 0.046    |    |
| NR n12           | ISMHZ              | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 141300  | 706.5          | 0   | 24.50                           | 23.08                  | 138.68% | 0.034             | 0.047    |    |
| NR n12           |                    |            | 36         | 22          | Back Surface  | 15               | 141300  | 706.5          | 0   | 24.50                           | 22.94                  | 143.22% | 0.031             | 0.044    | Г  |
|                  |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          |    |
| NR n71           |                    |            | 1          | 1           | Front Surface | 15               | 135600  | 678            | 0   | 24.50                           | 23.68                  | 120.78% | 0.023             | 0.028    |    |
|                  |                    | SCS 15kHz  | 80         | 40          | Front Surface | 15               | 135600  | 678            | 0   | 24.50                           | 23.53                  | 125.03% | 0.020             | 0.025    |    |
| NR n71           |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |          | 1  |
| NR n71<br>NR n71 | 30MHz              | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 135600  | 678            | 0   | 24.50                           | 23.68                  | 120.78% | 0.018             | 0.022    |    |

Body-worn Ant4

| Mode        | Bandwidth | Modulation | RB   | RB    | Position      | Distance | Channel | Freq.  | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W |          |    |
|-------------|-----------|------------|------|-------|---------------|----------|---------|--------|-----|---------------------------------|------------------------|---------|------------------|----------|----|
|             | (MHz)     |            | Size | start |               | (mm)     |         | (MHz)  |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported |    |
| LTE Band 2  |           |            | 1    | 0     | Front Surface | 15       | 19100   | 1900   | 0   | 24.50                           | 22.88                  | 145.21% | 0.064            | 0.093    | 1  |
| LTE Band 2  | 20MHz     | QPSK       | 50   | 25    | Front Surface | 15       | 19100   | 1860   | 0   | 23.50                           | 21.76                  | 149.28% | 0.058            | 0.087    |    |
| LTE Band 2  | ZUMHZ     | QPSK       | 1    | 0     | Back Surface  | 15       | 19100   | 1900   | 0   | 24.50                           | 22.88                  | 145.21% | 0.057            | 0.083    |    |
| LTE Band 2  |           |            | 50   | 25    | Back Surface  | 15       | 19100   | 1860   | 0   | 23.50                           | 21.76                  | 149.28% | 0.049            | 0.073    |    |
|             |           |            |      |       |               |          |         |        |     |                                 |                        |         |                  |          |    |
| LTE Band 4  |           |            | 1    | 0     | Front Surface | 15       | 20175   | 1732.5 | 0   | 24.50                           | 23.53                  | 125.03% | 0.071            | 0.089    |    |
| LTE Band 4  | 20MHz     | QPSK       | 50   | 0     | Front Surface | 15       | 20175   | 1732.5 | 0   | 23.50                           | 22.41                  | 128.53% | 0.056            | 0.072    |    |
| LTE Band 4  | 20111112  | Q. O.      | 1    | 0     | Back Surface  | 15       | 20175   | 1732.5 | 0   | 24.50                           | 23.53                  | 125.03% | 0.051            | 0.064    |    |
| LTE Band 4  |           |            | 50   | 0     | Back Surface  | 15       | 20175   | 1732.5 | 0   | 23.50                           | 22.41                  | 128.53% | 0.046            | 0.059    | _  |
|             |           |            |      |       |               |          |         |        |     |                                 |                        |         |                  |          |    |
| LTE Band 7  |           |            | 1    | 0     | Front Surface | 15       | 20850   | 2510   | 0   | 24.50                           | 23.73                  | 119.40% | 0.080            | 0.096    | -  |
| LTE Band 7  | 20MHz     | QPSK       | 50   | 50    | Front Surface | 15       | 20850   | 2510   | 0   | 23.50                           | 22.63                  | 122.18% | 0.055            | 0.067    |    |
| LTE Band 7  |           |            | 1    | 0     | Back Surface  | 15       | 20850   | 2510   | 0   | 24.50                           | 23.73                  | 119.40% | 0.089            | 0.106    | _  |
| LTE Band 7  |           |            | 50   | 50    | Back Surface  | 15       | 20850   | 2510   | 0   | 23.50                           | 22.63                  | 122.18% | 0.064            | 0.078    | ₩  |
| LTE Band 25 |           |            | 1    | 0     | Front Surface | 15       | 26590   | 1905   | 0   | 24.50                           | 23.02                  | 140.60% | 0.069            | 0.097    |    |
| LTE Band 25 |           |            | 50   | 25    | Front Surface | 15       | 26590   | 1905   | 0   | 23.50                           | 21.91                  | 144.21% | 0.054            | 0.078    | +  |
| LTE Band 25 | 20MHz     | QPSK       | 1    | 0     | Back Surface  | 15       | 26590   | 1905   | 0   | 24.50                           | 23.02                  | 140.60% | 0.052            | 0.073    | +  |
| LTE Band 25 |           |            | 50   | 25    | Back Surface  | 15       | 26590   | 1905   | 0   | 23.50                           | 21.91                  | 144.21% | 0.032            | 0.073    | +  |
|             |           |            |      |       |               |          |         |        |     |                                 |                        |         |                  |          | +  |
| LTE Band 30 |           |            | 1    | 0     | Front Surface | 15       | 27710   | 2310   | 0   | 24.50                           | 23.43                  | 127.94% | 0.075            | 0.096    |    |
| LTE Band 30 |           |            | 25   | 12    | Front Surface | 15       | 27710   | 2310   | 0   | 23.50                           | 22.28                  | 132.43% | 0.059            | 0.078    | +  |
| LTE Band 30 | 10MHz     | QPSK       | 1    | 0     | Back Surface  | 15       | 27710   | 2310   | 0   | 24.50                           | 23.43                  | 127.94% | 0.071            | 0.091    |    |
| LTE Band 30 |           |            | 25   | 25    | Back Surface  | 15       | 27710   | 2310   | 0   | 23.50                           | 22.28                  | 132.43% | 0.055            | 0.073    |    |
|             |           |            |      |       |               |          |         |        |     |                                 |                        |         |                  |          | T  |
| LTE Band 66 |           |            | 1    | 0     | Front Surface | 15       | 132072  | 1720   | 0   | 24.50                           | 23.14                  | 136.77% | 0.070            | 0.096    |    |
| LTE Band 66 | 20MHz     | QPSK       | 50   | 0     | Front Surface | 15       | 132072  | 1720   | 0   | 23.50                           | 22.03                  | 140.28% | 0.043            | 0.060    |    |
| LTE Band 66 | ZUMHZ     | QPSK       | 1    | 0     | Back Surface  | 15       | 132072  | 1720   | 0   | 24.50                           | 23.14                  | 136.77% | 0.053            | 0.072    |    |
| LTE Band 66 |           |            | 50   | 0     | Back Surface  | 15       | 132072  | 1720   | 0   | 23.50                           | 22.03                  | 140.28% | 0.037            | 0.052    |    |
|             |           |            |      |       |               |          |         |        |     |                                 |                        |         |                  |          |    |
| LTE Band 38 |           |            | 1    | 0     | Front Surface | 15       | 38150   | 2610   | 0   | 24.50                           | 23.62                  | 122.46% | 0.058            | 0.071    |    |
| LTE Band 38 | 20MHz     | QPSK       | 50   | 0     | Front Surface | 15       | 38150   | 2610   | 0   | 23.50                           | 22.48                  | 126.47% | 0.046            | 0.058    | 1  |
| LTE Band 38 |           |            | 1    | 0     | Back Surface  | 15       | 38150   | 2610   | 0   | 24.50                           | 23.62                  | 122.46% | 0.062            | 0.076    |    |
| LTE Band 38 |           |            | 50   | 0     | Back Surface  | 15       | 38150   | 2610   | 0   | 23.50                           | 22.48                  | 126.47% | 0.049            | 0.062    | -  |
| LTE Band 41 |           |            | 1    | 0     | Front Surface | 15       | 41055   | 2636.5 | 0   | 24.50                           | 23.59                  | 123.31% | 0.049            | 0.060    | +  |
| LTE Band 41 | -         |            | 50   | 25    | Front Surface | 15       | 41055   | 2636.5 | 0   | 23.50                           | 22.51                  | 125.60% | 0.049            | 0.000    | +- |
| LTE Band 41 | 20MHz     | QPSK       | 1    | 0     | Back Surface  | 15       | 41055   | 2636.5 | 0   | 24.50                           | 23.59                  | 123.31% | 0.050            | 0.062    |    |
| LTE Band 41 | -         |            | 50   | 25    | Back Surface  | 15       | 41055   | 2636.5 | 0   | 23.50                           | 22.51                  | 125.60% | 0.030            | 0.053    | +  |
|             |           |            |      |       |               | 1.5      |         |        | -   | ,,,,,,                          | 1.5.                   |         | , , , , ,        |          | t  |
| LTE Band 42 |           |            | 1    | 0     | Front Surface | 15       | 42590   | 3500   | 0   | 24.50                           | 23.48                  | 126.47% | 0.120            | 0.152    | t  |
| LTE Band 42 |           |            | 50   | 25    | Front Surface | 15       | 42590   | 3500   | 0   | 23.50                           | 22.42                  | 128.23% | 0.095            | 0.122    | t  |
| LTE Band 42 | 20MHz     | QPSK       | 1    | 0     | Back Surface  | 15       | 42590   | 3500   | 0   | 24.50                           | 23.48                  | 126.47% | 0.150            | 0.190    |    |
| LTE Band 42 | _         | 1          | 50   | 25    | Back Surface  | 15       | 42590   | 3500   | 0   | 23.50                           | 22.42                  | 128.23% | 0.112            | 0.144    | T  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 513 of 939

| Mode         | Bandwidth | Modulation             | RB   | RB    | Position      | Distance | Channel                    | Freq.                | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power  | Scaling                       | Averaged S<br>(W        | AR over 1g<br>/kg) | ID  |
|--------------|-----------|------------------------|------|-------|---------------|----------|----------------------------|----------------------|-----|---------------------------------|-------------------------|-------------------------------|-------------------------|--------------------|-----|
|              | (MHz)     |                        | Size | start |               | (mm)     |                            | (MHz)                |     | Tolerance (dBm)                 | (dBm)                   |                               | Measured                | Reported           |     |
| NR n2        | 1         |                        | 1    | 1     | Front Surface | 15       | 376000                     | 1880                 | 0   | 24.50                           | 23.54                   | 124.74%                       | 0.055                   | 0.069              | 149 |
| NR n2        | 20MHz     | SCS 15kHz              | 50   | 28    | Front Surface | 15       | 376000                     | 1880                 | 0   | 24.50                           | 23.44                   | 127.64%                       | 0.052                   | 0.066              | -   |
| NR n2        | ZOIVII IZ | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 376000                     | 1880                 | 0   | 24.50                           | 23.54                   | 124.74%                       | 0.050                   | 0.062              | -   |
| NR n2        |           |                        | 50   | 28    | Back Surface  | 15       | 376000                     | 1880                 | 0   | 24.50                           | 23.44                   | 127.64%                       | 0.048                   | 0.061              | -   |
| NR n7        |           |                        | 1    | 1     | Front Surface | 15       | 504000                     | 2520                 | 0   | 24.50                           | 24.25                   | 105.93%                       | 0.083                   | 0.087              |     |
| NR n7        |           |                        | 108  | 54    | Front Surface | 15       | 504000                     | 2520                 | 0   | 24.50                           | 24.25                   | 103.93%                       | 0.083                   | 0.087              | -   |
|              | 40MHz     | SCS 15kHz<br>Pi/2 BPSK |      | 1     |               | 15       |                            | 2520                 |     |                                 |                         |                               |                         |                    | -   |
| NR n7        |           | FIZ BESK               | 1    |       | Back Surface  |          | 504000                     |                      | 0   | 24.50                           | 24.25                   | 105.93%                       | 0.097                   | 0.102              | 150 |
| NR n7        |           |                        | 108  | 54    | Back Surface  | 15       | 504000                     | 2520                 | 0   | 24.50                           | 24.15                   | 108.39%                       | 0.092                   | 0.100              | -   |
| NR n25       |           |                        | 1    | 1     | Front Surface | 15       | 379000                     | 1895                 | 0   | 24.50                           | 23.74                   | 119.12%                       | 0.058                   | 0.069              | 151 |
| NR n25       | 1         | SCS 15kHz              | 108  | 54    | Front Surface | 15       | 379000                     | 1895                 | 0   | 24.50                           | 23.56                   | 124.17%                       | 0.054                   | 0.067              | -   |
| NR n25       | 40MHz     | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 379000                     | 1895                 | 0   | 24.50                           | 23.74                   | 119.12%                       | 0.056                   | 0.067              | -   |
| NR n25       |           |                        | 108  | 54    | Back Surface  | 15       | 379000                     | 1895                 | 0   | 24.50                           | 23.56                   | 124.17%                       | 0.053                   | 0.066              | -   |
|              |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
| NR n66       |           |                        | 1    | 1     | Front Surface | 15       | 346000                     | 1730                 | 0   | 24.50                           | 23.38                   | 129.42%                       | 0.051                   | 0.066              | 152 |
| NR n66       | 40MHz     | SCS 15kHz              | 108  | 54    | Front Surface | 15       | 346000                     | 1730                 | 0   | 24.50                           | 23.19                   | 135.21%                       | 0.049                   | 0.066              | -   |
| NR n66       | 4UMHZ     | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 346000                     | 1730                 | 0   | 24.50                           | 23.38                   | 129.42%                       | 0.045                   | 0.058              | -   |
| NR n66       |           |                        | 108  | 54    | Back Surface  | 15       | 346000                     | 1730                 | 0   | 24.50                           | 23.19                   | 135.21%                       | 0.041                   | 0.055              | -   |
|              |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
| NR n38       |           |                        | 1    | 1     | Front Surface | 15       | 520000                     | 2600                 | 0   | 24.50                           | 24.12                   | 109.14%                       | 0.112                   | 0.122              | -   |
| NR n38       | 40MHz     | SCS 30kHz              | 50   | 25    | Front Surface | 15       | 520000                     | 2600                 | 0   | 24.50                           | 24.00                   | 112.20%                       | 0.108                   | 0.121              | -   |
| NR n38       | 4UVITIZ   | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 520000                     | 2600                 | 0   | 24.50                           | 24.12                   | 109.14%                       | 0.126                   | 0.138              | 153 |
| NR n38       |           |                        | 50   | 25    | Back Surface  | 15       | 520000                     | 2600                 | 0   | 24.50                           | 24.00                   | 112.20%                       | 0.120                   | 0.135              | -   |
|              |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
| NR n41       | 1         |                        | 1    | 1     | Front Surface | 15       | 509202                     | 2546.01              | 0   | 24.50                           | 23.54                   | 124.74%                       | 0.076                   | 0.095              | -   |
| NR n41       | 100MHz    | SCS 30kHz              | 135  | 69    | Front Surface | 15       | 528000                     | 2640                 | 0   | 24.50                           | 23.44                   | 127.64%                       | 0.073                   | 0.093              | -   |
| NR n41       |           | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 509202                     | 2546.01              | 0   | 24.50                           | 23.54                   | 124.74%                       | 0.098                   | 0.122              | 154 |
| NR n41       |           |                        | 135  | 69    | Back Surface  | 15       | 528000                     | 2640                 | 0   | 24.50                           | 23.44                   | 127.64%                       | 0.091                   | 0.116              | -   |
| NR n77       |           |                        | 1    | 1     | Front Surface | 15       | 652400                     | 3786                 | 0   | 24.50                           | 23.12                   | 137.40%                       | 0.098                   | 0.134              |     |
| NR n77       | 1         |                        | 135  | 69    | Front Surface | 15       | 652400                     | 3786                 | 0   | 24.50                           | 23.03                   | 140.28%                       | 0.095                   | 0.133              |     |
| NR n77       | 100MHz    | SCS 30kHz              | 1    | 1     | Back Surface  | 15       | 652400                     | 3786                 | 0   | 24.50                           | 23.12                   | 137.40%                       | 0.334                   | 0.459              | 155 |
| NR n77       | TOOWITZ   | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 654800                     | 3822                 | 0   | 24.50                           | 23.09                   | 138.36%                       | 0.325                   | 0.450              | 155 |
| NR n77       | +         |                        | 135  | 69    | Back Surface  | 15       | 652400                     | 3786                 | 0   | 24.50                           | 23.03                   | 140.28%                       | 0.320                   | 0.435              | -   |
|              |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
| NR n77 & n78 |           |                        | 1    | 1     | Front Surface | 15       | 633334                     | 3500.01              | 0   | 24.50                           | 22.81                   | 147.57%                       | 0.064                   | 0.094              | -   |
| NR n77 & n78 | 1         | SCS 30kHz              | 135  | 69    | Front Surface | 15       | 633334                     | 3500.01              | 0   | 24.50                           | 22.61                   | 154.53%                       | 0.060                   | 0.093              | -   |
| NR n77 & n78 | 100MHz    | Pi/2 BPSK              | 1    | 1     | Back Surface  | 15       | 633334                     | 3500.01              | 0   | 24.50                           | 22.81                   | 147.57%                       | 0.201                   | 0.297              | 156 |
| NR n77 & n78 | 1         |                        | 135  | 69    | Back Surface  | 15       | 633334                     | 3500.01              | 0   | 24.50                           | 22.61                   | 154.53%                       | 0.188                   | 0.291              |     |
|              |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
|              | 1         |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
|              |           |                        | 1    | 1     | Front Surface | 15       | 650000                     | 3750                 | 0   | 24.50                           | 22.78                   | 148.59%                       | 0.095                   | 0.141              | -   |
| NR n78       |           |                        |      |       |               |          |                            |                      |     |                                 |                         |                               |                         |                    |     |
| NR n78       | 100MHz    | SCS 30kHz              | 135  | 69    | Front Surface | 15       | 650000                     | 3750                 | 0   | 24.50                           | 22.64                   | 153.46%                       | 0.091                   | 0.140              | -   |
|              | 100MHz    | SCS 30kHz<br>Pi/2 BPSK |      |       |               |          | 650000<br>650000<br>650000 | 3750<br>3750<br>3750 | 0 0 | 24.50<br>24.50<br>24.50         | 22.64<br>22.78<br>22.64 | 153.46%<br>148.59%<br>153.46% | 0.091<br>0.301<br>0.281 |                    | 157 |

Body-worn Ant5

| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | AR over 1g<br>(kg) | ID  |
|--------------|--------------------|------------|------------|-------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|------------------|--------------------|-----|
|              | (IVIFIZ)           |            | Size       | Stallt      |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported           |     |
| LTE Band 42  |                    |            | 1          | 0           | Front Surface | 15               | 42590   | 3500           | 0   | 24.50                           | 23.48                  | 126.47% | 0.220            | 0.278              | 158 |
| LTE Band 42  | 20MHz              | QPSK       | 50         | 25          | Front Surface | 15               | 42590   | 3500           | 0   | 23.50                           | 22.42                  | 128.23% | 0.169            | 0.217              | -   |
| LTE Band 42  | ZUIVINZ            | QFSK       | 1          | 0           | Back Surface  | 15               | 42590   | 3500           | 0   | 24.50                           | 23.48                  | 126.47% | 0.142            | 0.180              | -   |
| LTE Band 42  | 1                  |            | 50         | 25          | Back Surface  | 15               | 42590   | 3500           | 0   | 23.50                           | 22.42                  | 128.23% | 0.111            | 0.142              | -   |
| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W | AR over 1g<br>/kg) | ID  |
|              | (IVIF1Z)           |            | Size       | Start       |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured         | Reported           |     |
| NR n77       |                    |            | 1          | 1           | Front Surface | 15               | 652400  | 3786           | 0   | 24.50                           | 23.12                  | 137.40% | 0.176            | 0.242              | 159 |
| NR n77       | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 652400  | 3786           | 0   | 24.50                           | 23.03                  | 140.28% | 0.171            | 0.240              | -   |
| NR n77       | TOUWINZ            | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 652400  | 3786           | 0   | 24.50                           | 23.12                  | 137.40% | 0.127            | 0.175              | -   |
| NR n77       |                    |            | 135        | 69          | Back Surface  | 15               | 652400  | 3786           | 0   | 24.50                           | 23.03                  | 140.28% | 0.119            | 0.167              | -   |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                  |                    |     |
| NR n77 & n78 |                    |            | 1          | 1           | Front Surface | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.81                  | 147.57% | 0.131            | 0.193              | 160 |
| NR n77 & n78 | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.61                  | 154.53% | 0.124            | 0.192              | -   |
| NR n77 & n78 | TOUMHZ             | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.81                  | 147.57% | 0.127            | 0.187              | -   |
| NR n77 & n78 |                    |            | 135        | 69          | Back Surface  | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.61                  | 154.53% | 0.120            | 0.185              |     |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                  |                    |     |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                  |                    |     |
| NR n78       |                    |            | 1          | 1           | Front Surface | 15               | 650000  | 3750           | 0   | 24.50                           | 22.78                  | 148.59% | 0.148            | 0.220              | 161 |
| NR n78       | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 650000  | 3750           | 0   | 24.50                           | 22.64                  | 153.46% | 0.140            | 0.215              | -   |
| NR n78       | TOUMHZ             | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 650000  | 3750           | 0   | 24.50                           | 22.78                  | 148.59% | 0.108            | 0.160              | -   |
| NR n78       |                    |            | 135        | 69          | Back Surface  | 15               | 650000  | 3750           | 0   | 24.50                           | 22.64                  | 153.46% | 0.101            | 0.155              | -   |

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Page: 514 of 939

Body-worn Ant6

| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W. | AR over 1g<br>kg) | ID  |
|--------------|--------------------|------------|------------|-------------|---------------|------------------|---------|----------------|-----|---------------------------------|------------------------|---------|-------------------|-------------------|-----|
|              | (IVITIZ)           |            | SIZE       | Stall t     |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured          | Reported          |     |
| LTE Band 42  |                    |            | 1          | 0           | Front Surface | 15               | 42590   | 3500           | 0   | 24.50                           | 23.48                  | 126.47% | 0.062             | 0.078             | -   |
| LTE Band 42  |                    |            | 50         | 25          | Front Surface | 15               | 42590   | 3500           | 0   | 23.50                           | 22.42                  | 128.23% | 0.046             | 0.059             | -   |
| LTE Band 42  | 20MHz              | QPSK       | 1          | 0           | Back Surface  | 15               | 42590   | 3500           | 0   | 24.50                           | 23.48                  | 126.47% | 0.345             | 0.436             | 162 |
| LTE Band 42  |                    |            | 50         | 25          | Back Surface  | 15               | 42590   | 3500           | 0   | 23.50                           | 22.42                  | 128.23% | 0.268             | 0.344             | -   |
| 42C          |                    |            | 1          | 0           | Front Surface | 15               | 42590   | 3500           | 0   | 24.50                           | 23.20                  | 134.90% | 0.315             | 0.425             | -   |
| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling | Averaged S<br>(W  |                   | ID  |
|              | (IVII IZ)          |            | Size       | otal t      |               | (IIIII)          |         | (WII 12)       |     | Tolerance (dBm)                 | (dBm)                  |         | Measured          | Reported          |     |
| NR n77       |                    |            | 1          | 1           | Front Surface | 15               | 652400  | 3786           | 0   | 24.50                           | 23.12                  | 137.40% | 0.058             | 0.080             | -   |
| NR n77       | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 652400  | 3786           | 0   | 24.50                           | 23.03                  | 140.28% | 0.053             | 0.074             | -   |
| NR n77       | TOUNITZ            | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 652400  | 3786           | 0   | 24.50                           | 23.12                  | 137.40% | 0.164             | 0.225             | 163 |
| NR n77       |                    |            | 135        | 69          | Back Surface  | 15               | 652400  | 3786           | 0   | 24.50                           | 23.03                  | 140.28% | 0.159             | 0.223             | -   |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |                   |     |
| NR n77 & n78 |                    |            | 1          | 1           | Front Surface | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.81                  | 147.57% | 0.054             | 0.080             | -   |
| NR n77 & n78 | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.61                  | 154.53% | 0.050             | 0.077             | -   |
| NR n77 & n78 | TOOIVII 12         | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.81                  | 147.57% | 0.349             | 0.515             | 164 |
| NR n77 & n78 |                    |            | 135        | 69          | Back Surface  | 15               | 633334  | 3500.01        | 0   | 24.50                           | 22.61                  | 154.53% | 0.328             | 0.507             | -   |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |                   |     |
| NR n78       |                    |            | 1          | 1           | Front Surface | 15               | 650000  | 3750           | 0   | 24.50                           | 22.78                  | 148.59% | 0.053             | 0.079             | -   |
| NR n78       | 100MHz             | SCS 30kHz  | 135        | 69          | Front Surface | 15               | 650000  | 3750           | 0   | 24.50                           | 22.64                  | 153.46% | 0.049             | 0.075             | -   |
| NR n78       | TOUMHZ             | Pi/2 BPSK  | 1          | 1           | Back Surface  | 15               | 650000  | 3750           | 0   | 24.50                           | 22.78                  | 148.59% | 0.126             | 0.187             | 165 |
| NR n78       |                    |            | 135        | 69          | Back Surface  | 15               | 650000  | 3750           | 0   | 24.50                           | 22.64                  | 153.46% | 0.121             | 0.186             | -   |
|              |                    |            |            |             |               |                  |         |                |     |                                 |                        |         |                   |                   |     |

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Page: 515 of 939

Hotspot Ant1

| Hotspot Ant1               |           |            |         |       |                                |          |                |              |          |                                 |                     |                    |                |                  |  |
|----------------------------|-----------|------------|---------|-------|--------------------------------|----------|----------------|--------------|----------|---------------------------------|---------------------|--------------------|----------------|------------------|--|
|                            | Bandwidth |            | RB      | RB    |                                | Distance |                | Freq.        |          | Max. Rated Avg.                 | Measured            |                    | Averaged S     | SAR over 1g      |  |
| Mode                       | (MHz)     | Modulation | Size    | start | Position                       | (mm)     | Channel        | (MHz)        | DSI      | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm) | Scaling            | Measured (W    | /kg)<br>Reported | ID   |
| LTE Band 2                 |           |            | 1       | 0     | Front Surface                  | 10       | 18700          | 1860         | 4        | 24.50                           | 23.61               | 122.74%            | 0.142          | 0.174            |  |
| LTE Band 2                 | 1         |            | 50      | 50    | Front Surface                  | 10       | 18700          | 1860         | 4        | 23.50                           | 22.50               | 125.89%            | 0.110          | 0.138            | -  |
| LTE Band 2                 | ]         |            | 1       | 0     | Back Surface                   | 10       | 18700          | 1860         | 4        | 24.50                           | 23.61               | 122.74%            | 0.131          | 0.161            | -  |
| LTE Band 2                 | 20MHz     | QPSK       | 50      | 50    | Back Surface                   | 10       | 18700          | 1860         | 4        | 23.50                           | 22.50               | 125.89%            | 0.101          | 0.127            | -  |
| LTE Band 2                 | LOWINE    | Qi Oit     | 1       | 0     | Bottom Edge                    | 10       | 18700          | 1860         | 4        | 24.50                           | 23.61               | 122.74%            | 0.197          | 0.242            | -  |
| LTE Band 2                 |           |            | 50      | 50    | Bottom Edge                    | 10       | 18700          | 1860         | 4        | 23.50                           | 22.50               | 125.89%            | 0.151          | 0.190            | -  |
| LTE Band 2                 |           |            | 1       | 0     | Left Edge                      | 10       | 18700          | 1860         | 4        | 24.50                           | 23.61               | 122.74%            | 0.281          | 0.345            | 166  |
| LTE Band 2                 |           |            | 50      | 50    | Left Edge                      | 10       | 18700          | 1860         | 4        | 23.50                           | 22.50               | 125.89%            | 0.218          | 0.274            |  |
|                            |           |            |         |       |                                |          |                |              |          |                                 |                     |                    |                |                  |  |
| LTE Band 4                 |           |            | 1       | 0     | Front Surface                  | 10       | 20300          | 1745         | 4        | 24.50                           | 22.98               | 141.91%            | 0.175          | 0.248            | -  |
| LTE Band 4                 | -         |            | 50      | 0     | Front Surface                  | 10       | 20300          | 1745         | 4        | 23.50                           | 21.88               | 145.22%            | 0.125          | 0.182            | <del>-</del> -                                   |
| LTE Band 4                 | 4         |            | 1       | 0     | Back Surface                   | 10       | 20300          | 1745         | 4        | 24.50                           | 22.98               | 141.91%            | 0.128          | 0.182            | -  |
| LTE Band 4                 | 20MHz     | QPSK       | 50      | 0     | Back Surface<br>Bottom Edge    | 10       | 20300          | 1745         | 4        | 23.50                           | 21.88               | 145.22%            | 0.086          | 0.125            | -  |
| LTE Band 4                 | -         |            | 1<br>50 | 0     |                                | 10       | 20300          | 1745<br>1745 | 4        | 24.50<br>23.50                  | 22.98               | 141.91%            | 0.195          | 0.277            | -  |
| LTE Band 4<br>LTE Band 4   | ł         |            | 1       | 0     | Bottom Edge<br>Left Edge       | 10       | 20300<br>20300 | 1745         | 4        | 23.50                           | 21.88<br>22.98      | 145.22%<br>141.91% | 0.150<br>0.225 | 0.218            | 167  |
| LTE Band 4                 | 1         |            | 50      | 0     | Left Edge                      | 10       | 20300          | 1745         | 4        | 23.50                           | 21.88               | 145.22%            | 0.174          | 0.253            | - 107  |
| ETE Balld 4                |           |            | 30      |       | Lett Luge                      | 10       | 20300          | 1745         | ,        | 23.30                           | 21.00               | 140.2270           | 0.174          | 0.233            | +  |
| LTE Band 5                 |           |            | 1       | 0     | Front Surface                  | 10       | 20600          | 844          | 4        | 24.50                           | 23.53               | 125.03%            | 0.062          | 0.078            | +  |
| LTE Band 5                 | 1         |            | 25      | 0     | Front Surface                  | 10       | 20600          | 844          | 4        | 23.50                           | 22.47               | 126.77%            | 0.049          | 0.062            | -  |
| LTE Band 5                 | 1         |            | 1       | 0     | Back Surface                   | 10       | 20600          | 844          | 4        | 24.50                           | 23.53               | 125.03%            | 0.101          | 0.126            | <b>-</b>   |
| LTE Band 5                 |           |            | 25      | 0     | Back Surface                   | 10       | 20600          | 844          | 4        | 23.50                           | 22.47               | 126.77%            | 0.083          | 0.105            | -  |
| LTE Band 5                 | 10MHz     | QPSK       | 1       | 0     | Bottom Edge                    | 10       | 20600          | 844          | 4        | 24.50                           | 23.53               | 125.03%            | 0.048          | 0.060            | -  |
| LTE Band 5                 | 1         | 1          | 25      | 0     | Bottom Edge                    | 10       | 20600          | 844          | 4        | 23.50                           | 22.47               | 126.77%            | 0.039          | 0.049            | <del>-</del>                                     |
| LTE Band 5                 | 1         |            | 1       | 0     | Left Edge                      | 10       | 20600          | 844          | 4        | 24.50                           | 23.53               | 125.03%            | 0.123          | 0.154            | 168  |
| LTE Band 5                 | 1         | 1          | 25      | 0     | Left Edge                      | 10       | 20600          | 844          | 4        | 23.50                           | 22.47               | 126.77%            | 0.108          | 0.137            | -  |
|                            |           |            |         |       |                                | <u> </u> |                |              | <u> </u> |                                 |                     |                    |                |                  | <del>                                     </del> |
| LTE Band 12                |           |            | 1       | 0     | Front Surface                  | 10       | 23060          | 704          | 4        | 24.50                           | 23.12               | 137.40%            | 0.045          | 0.062            | -  |
| LTE Band 12                | 1         | 1          | 25      | 12    | Front Surface                  | 10       | 23060          | 704          | 4        | 23.50                           | 22.06               | 139.32%            | 0.038          | 0.053            | -  |
| LTE Band 12                | 1         |            | 1       | 0     | Back Surface                   | 10       | 23060          | 704          | 4        | 24.50                           | 23.12               | 137.40%            | 0.074          | 0.102            | -  |
| LTE Band 12                | 1         |            | 25      | 25    | Back Surface                   | 10       | 23060          | 704          | 4        | 23.50                           | 22.06               | 139.32%            | 0.061          | 0.085            | -  |
| LTE Band 12                | 10MHz     | QPSK       | 1       | 0     | Bottom Edge                    | 10       | 23060          | 704          | 4        | 24.50                           | 23.12               | 137.40%            | 0.032          | 0.044            | -  |
| LTE Band 12                | 1         |            | 25      | 25    | Bottom Edge                    | 10       | 23060          | 704          | 4        | 23.50                           | 22.06               | 139.32%            | 0.024          | 0.033            | -  |
| LTE Band 12                |           |            | 1       | 0     | Left Edge                      | 10       | 23060          | 704          | 4        | 24.50                           | 23.12               | 137.40%            | 0.089          | 0.122            | 169  |
| LTE Band 12                | 1         |            | 25      | 25    | Left Edge                      | 10       | 23060          | 704          | 4        | 23.50                           | 22.06               | 139.32%            | 0.071          | 0.099            | -  |
|                            |           |            |         |       |                                |          |                |              |          |                                 |                     |                    |                |                  |  |
| LTE Band 17                |           |            | 1       | 0     | Front Surface                  | 10       | 23800          | 711          | 4        | 24.50                           | 22.95               | 142.89%            | 0.043          | 0.061            | -  |
| LTE Band 17                | 1         |            | 25      | 25    | Front Surface                  | 10       | 23800          | 711          | 4        | 23.50                           | 21.87               | 145.55%            | 0.035          | 0.051            | -  |
| LTE Band 17                | 1         |            | 1       | 0     | Back Surface                   | 10       | 23800          | 711          | 4        | 24.50                           | 22.95               | 142.89%            | 0.068          | 0.097            | -  |
| LTE Band 17                |           |            | 25      | 50    | Back Surface                   | 10       | 23800          | 711          | 4        | 23.50                           | 21.87               | 145.55%            | 0.057          | 0.083            | -  |
| LTE Band 17                | 10MHz     | QPSK       | 1       | 0     | Bottom Edge                    | 10       | 23800          | 711          | 4        | 24.50                           | 22.95               | 142.89%            | 0.030          | 0.043            | -  |
| LTE Band 17                |           |            | 25      | 50    | Bottom Edge                    | 10       | 23800          | 711          | 4        | 23.50                           | 21.87               | 145.55%            | 0.025          | 0.036            | -  |
| LTE Band 17                |           |            | 1       | 0     | Left Edge                      | 10       | 23800          | 711          | 4        | 24.50                           | 22.95               | 142.89%            | 0.096          | 0.137            | 170  |
| LTE Band 17                |           |            | 25      | 50    | Left Edge                      | 10       | 23800          | 711          | 4        | 23.50                           | 21.87               | 145.55%            | 0.075          | 0.109            | -  |
|                            |           |            |         |       |                                |          |                |              |          |                                 |                     |                    |                |                  |  |
| LTE Band 25                |           |            | 1       | 0     | Front Surface                  | 10       | 26140          | 1860         | 4        | 24.50                           | 23.75               | 118.85%            | 0.130          | 0.155            | -  |
| LTE Band 25                | 1         |            | 50      | 25    | Front Surface                  | 10       | 26140          | 1860         | 4        | 23.50                           | 22.60               | 123.03%            | 0.105          | 0.129            | -  |
| LTE Band 25                | 1         |            | 1       | 0     | Back Surface                   | 10       | 26140          | 1860         | 4        | 24.50                           | 23.75               | 118.85%            | 0.122          | 0.145            | -  |
| LTE Band 25                | 20MHz     | QPSK       | 50      | 25    | Back Surface                   | 10       | 26140          | 1860         | 4        | 23.50                           | 22.60               | 123.03%            | 0.095          | 0.117            | -  |
| LTE Band 25                | 20001112  | Q. O.      | 1       | 0     | Bottom Edge                    | 10       | 26140          | 1860         | 4        | 24.50                           | 23.75               | 118.85%            | 0.186          | 0.221            | -  |
| LTE Band 25                |           |            | 50      | 25    | Bottom Edge                    | 10       | 26140          | 1860         | 4        | 23.50                           | 22.60               | 123.03%            | 0.157          | 0.193            | -  |
| LTE Band 25                |           |            | 1       | 0     | Left Edge                      | 10       | 26140          | 1860         | 4        | 24.50                           | 23.75               | 118.85%            | 0.276          | 0.328            | 171  |
| LTE Band 25                |           |            | 50      | 25    | Left Edge                      | 10       | 26140          | 1860         | 4        | 23.50                           | 22.60               | 123.03%            | 0.205          | 0.252            | -  |
|                            |           |            |         |       |                                |          |                |              |          |                                 |                     |                    |                |                  |  |
| LTE Band 26                | 1         |            | 1       | 0     | Front Surface                  | 10       | 26765          | 821.5        | 4        | 24.50                           | 23.31               | 131.52%            | 0.079          | 0.104            | -  |
| LTE Band 26                | 1         |            | 36      | 18    | Front Surface                  | 10       | 26865          | 831.5        | 4        | 23.50                           | 22.20               | 134.90%            | 0.064          | 0.086            | -  |
| LTE Band 26                | 1         | 1          | 1       | 0     | Back Surface                   | 10       | 26765          | 821.5        | 4        | 24.50                           | 23.31               | 131.52%            | 0.134          | 0.176            | -  |
| LTE Band 26                | 15MHz     | QPSK       | 36      | 25    | Back Surface                   | 10       | 26865          | 831.5        | 4        | 23.50                           | 22.20               | 134.90%            | 0.106          | 0.143            | -  |
| LTE Band 26                | 1         |            | 1       | 0     | Bottom Edge                    | 10       | 26765          | 821.5        | 4        | 24.50                           | 23.31               | 131.52%            | 0.057          | 0.075            | -  |
| LTE Band 26                | 1         | 1          | 36      | 25    | Bottom Edge                    | 10       | 26865          | 831.5        | 4        | 23.50                           | 22.20               | 134.90%            | 0.047          | 0.063            | -  |
| LTE Band 26                | 1         | 1          | 1       | 0     | Left Edge                      | 10       | 26765          | 821.5        | 4        | 24.50                           | 23.31               | 131.52%            | 0.171          | 0.225            | 172  |
| LTE Band 26                |           |            | 36      | 25    | Left Edge                      | 10       | 26865          | 831.5        | 4        | 23.50                           | 22.20               | 134.90%            | 0.131          | 0.177            | -  |
| LTE Band 30                |           |            | 1       | 0     | Front Surface                  | 10       | 27710          | 2310         | 4        | 24.50                           | 22.65               | 153.11%            | 0.020          | 0.031            | <del> </del>                                     |
| LTE Band 30                | +         | 1          | 25      | 12    | Front Surface<br>Front Surface | 10       | 27710          | 2310         | 4        | 24.50                           | 22.65               | 153.11%            | 0.020          | 0.031            | -  |
| LTE Band 30                | 1         | 1          | 1       | 0     | Back Surface                   | 10       | 27710          | 2310         | 4        | 24.50                           | 22.65               | 153.11%            | 0.016          | 0.024            | 1  |
| LTE Band 30                | 1         | 1          | 25      | 25    | Back Surface                   | 10       | 27710          | 2310         | 4        | 24.50                           | 21.70               | 153.11%            | 0.021          | 0.032            |  |
| LTE Band 30                | 10MHz     | QPSK       | 1       | 0     | Bottom Edge                    | 10       | 27710          | 2310         | 4        | 23.50                           | 22.65               | 153.11%            | 0.017          | 0.026            | -  |
| LTE Band 30                | †         |            | 25      | 25    | Bottom Edge                    | 10       | 27710          | 2310         | 4        | 24.50                           | 21.70               | 153.11%            | 0.017          | 0.020            | -  |
| LTE Band 30                | †         |            | 1       | 0     | Left Edge                      | 10       | 27710          | 2310         | 4        | 24.50                           | 22.65               | 153.11%            | 0.015          | 0.020            | 173  |
| LTE Band 30                | †         | 1          | 25      | 25    | Left Edge                      | 10       | 27710          | 2310         | 4        | 23.50                           | 21.70               | 151.36%            | 0.023          | 0.029            | -  |
|                            |           |            |         |       | uyu                            |          |                |              | -        |                                 | 0                   |                    | 2.010          |                  | +  |
| LTE Band 66                |           |            | 1       | 0     | Front Surface                  | 10       | 132572         | 1770         | 4        | 24.50                           | 23.03               | 140.28%            | 0.188          | 0.264            | -  |
| LTE Band 66                | †         | 1          | 50      | 0     | Front Surface                  | 10       | 132572         | 1770         | 4        | 23.50                           | 21.96               | 140.28%            | 0.188          | 0.202            | 1  |
| LTE Band 66                | †         | 1          | 1       | 0     | Back Surface                   | 10       | 132572         | 1770         | 4        | 24.50                           | 23.03               | 142.30%            | 0.142          | 0.202            | -  |
| LTE Band 66                | †         |            | 50      | 0     | Back Surface                   | 10       | 132572         | 1770         | 4        | 23.50                           | 21.96               | 140.28%            | 0.128          | 0.180            | -  |
| LTE Band 66                | 20MHz     | QPSK       | 1       | 0     | Bottom Edge                    | 10       | 132572         | 1770         | 4        | 24.50                           | 23.03               | 142.56%            | 0.101          | 0.144            | -  |
| LTE Band 66                | †         | 1          | 50      | 0     | Bottom Edge                    | 10       | 132572         | 1770         | 4        | 23.50                           | 21.96               | 140.28%            | 0.203          | 0.285            | 1  |
| LTE Band 66                | 1         |            | 1       | 0     | Left Edge                      | 10       | 132572         | 1770         | 4        | 23.50                           | 23.03               | 142.56%            | 0.158          | 0.225            | 174  |
| LTE Band 66                | 1         |            | 50      | 0     | Left Edge                      | 10       | 132572         | 1770         | 4        | 24.50                           | 23.03               | 140.28%            | 0.244          | 0.342            | 1/4  |
| ETE Datid 00               |           |            | 30      | -     | Lon Luge                       | 10       | 102012         | 1770         | -        | 20.00                           | £1.00               | 1-12.5070          | 0.102          | 0.214            | <del>                                     </del> |
| LTE Band 71                |           |            | 1       | 0     | Front Surface                  | 10       | 133222         | 673          | 4        | 24.50                           | 23.78               | 118.03%            | 0.068          | 0.080            | -  |
| LTE Band 71                | †         | 1          | 50      | 25    | Front Surface<br>Front Surface | 10       | 133222         | 673          | 4        | 23.50                           | 22.73               | 119.40%            | 0.068          | 0.080            | -  |
| LTE Band 71                | †         | 1          | 1       | 0     | Back Surface                   | 10       | 133222         | 673          | 4        | 24.50                           | 23.78               | 118.03%            | 0.089          | 0.105            |  |
| LTE Band 71                | 1         | 1          | 50      | 25    | Back Surface<br>Back Surface   | 10       | 133222         | 673          | 4        | 24.50                           | 23.78               | 118.03%            | 0.089          | 0.105            | -  |
| LTE Band 71                | 20MHz     | QPSK       | 1       | 25    | Back Surface<br>Bottom Edge    | 10       | 133222         | 673          | 4        | 23.50                           | 22.73               | 119.40%            | 0.072          | 0.060            | -  |
| LTE Band 71                | 1         |            | 50      | 25    | Bottom Edge                    | 10       | 133222         | 673          | 4        | 24.50                           | 23.78               | 118.03%            | 0.051          | 0.060            | <del></del>                                      |
|                            | †         |            | 1       | 0     |                                | 10       | 133222         | 673          | 4        | 23.50                           | 22.73               | 119.40%            | 0.045          | 0.054            | 175  |
| LTE Band 71<br>LTE Band 71 | †         | 1          | 50      | 25    | Left Edge<br>Left Edge         | 10       | 133222         | 673          | 4        | 23.50                           | 22.73               | 119.40%            | 0.130          | 0.131            | 170  |
| Liz Jana / I               | 1         | 1          |         |       | Lon Lugo                       |          | 100222         | 0/0          |          | 20.00                           | /-3                 | 110.4070           | 0.110          | 0.101            |  |

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Page: 516 of 939

| Mode             | Bandwidth<br>(MHz) | Modulation             | RB<br>Size | RB<br>start | Position                      | Distance<br>(mm) | Channel          | Freq.<br>(MHz)   | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            |          | SAR over 1g<br>//kg) | ID       |
|------------------|--------------------|------------------------|------------|-------------|-------------------------------|------------------|------------------|------------------|-----|---------------------------------|------------------------|--------------------|----------|----------------------|----------|
|                  | (IVITIZ)           |                        |            |             |                               | ` ,              |                  | , ,              |     | Tolerance (dBm)                 | (dBm)                  |                    | Measured | Reported             |          |
| NR n2            | _                  |                        | 1          | 1           | Front Surface                 | 10               | 376000           | 1880             | 4   | 24.50                           | 22.93                  | 143.55%            | 0.158    | 0.227                | -        |
| NR n2            | _                  |                        | 50         | 28          | Front Surface                 | 10               | 380000           | 1900             | 4   | 24.50                           | 22.85                  | 146.22%            | 0.151    | 0.221                | -        |
| NR n2            | _                  |                        | 1          | 1           | Back Surface                  | 10               | 376000           | 1880             | 4   | 24.50                           | 22.93                  | 143.55%            | 0.198    | 0.284                | -        |
| NR n2            | 20MHz              | SCS 15kHz              | 50         | 28          | Back Surface                  | 10               | 380000           | 1900             | 4   | 24.50                           | 22.85                  | 146.22%            | 0.194    | 0.284                | -        |
| NR n2            | 20111112           | Pi/2 BPSK              | 1          | 1           | Bottom Edge                   | 10               | 376000           | 1880             | 4   | 24.50                           | 22.93                  | 143.55%            | 0.171    | 0.245                | -        |
| NR n2            |                    |                        | 50         | 28          | Bottom Edge                   | 10               | 380000           | 1900             | 4   | 24.50                           | 22.85                  | 146.22%            | 0.166    | 0.243                | -        |
| NR n2            |                    |                        | 1          | 1           | Left Edge                     | 10               | 376000           | 1880             | 4   | 24.50                           | 22.93                  | 143.55%            | 0.273    | 0.392                | 176      |
| NR n2            |                    |                        | 50         | 28          | Left Edge                     | 10               | 380000           | 1900             | 4   | 24.50                           | 22.85                  | 146.22%            | 0.261    | 0.382                | -        |
|                  |                    |                        |            |             |                               |                  |                  |                  |     |                                 |                        |                    |          |                      |          |
| NR n5            | 4                  |                        | 1          | 1           | Front Surface                 | 10               | 167800           | 839              | 4   | 24.50                           | 23.45                  | 127.35%            | 0.128    | 0.163                | -        |
| NR n5            | _                  |                        | 50         | 28          | Front Surface                 | 10               | 167800           | 839              | 4   | 24.50                           | 23.27                  | 132.74%            | 0.114    | 0.151                | -        |
| NR n5            | _                  |                        | 1          | 1           | Back Surface                  | 10               | 167800           | 839              | 4   | 24.50                           | 23.45                  | 127.35%            | 0.143    | 0.182                | -        |
| NR n5            | 20MHz              | SCS 15kHz              | 50         | 28          | Back Surface                  | 10               | 167800           | 839              | 4   | 24.50                           | 23.27                  | 132.74%            | 0.135    | 0.179                | -        |
| NR n5            |                    | Pi/2 BPSK              | 1          | 1           | Bottom Edge                   | 10               | 167800           | 839              | 4   | 24.50                           | 23.45                  | 127.35%            | 0.085    | 0.108                | -        |
| NR n5            |                    |                        | 50         | 28          | Bottom Edge                   | 10               | 167800           | 839              | 4   | 24.50                           | 23.27                  | 132.74%            | 0.079    | 0.105                | -        |
| NR n5            |                    |                        | 1          | 1           | Left Edge                     | 10               | 167800           | 839              | 4   | 24.50                           | 23.45                  | 127.35%            | 0.172    | 0.219                | 177      |
| NR n5            |                    |                        | 50         | 28          | Left Edge                     | 10               | 167800           | 839              | 4   | 24.50                           | 23.27                  | 132.74%            | 0.165    | 0.219                | -        |
| ND - 40          |                    |                        | 1          | 1           | F 0                           | 40               | 141300           | 700 5            |     | 04.50                           | 00.00                  | 400.000/           | 0.049    | 0.068                | -        |
| NR n12           | 4                  |                        |            |             | Front Surface                 | 10               |                  | 706.5            | 4   | 24.50                           | 23.08                  | 138.68%            |          |                      |          |
| NR n12<br>NR n12 | 4                  |                        | 36         | 22          | Front Surface                 | 10               | 141300<br>141300 | 706.5<br>706.5   | 4   | 24.50<br>24.50                  | 22.94                  | 143.22%<br>138.68% | 0.045    | 0.064                | -        |
|                  | 4                  |                        | 1          | -           | Back Surface                  | 10               |                  |                  | 4   |                                 |                        |                    |          |                      |          |
| NR n12           | 15MHz              | SCS 15kHz<br>Pi/2 BPSK | 36         | 22          | Back Surface                  | 10               | 141300           | 706.5            | 4   | 24.50                           | 22.94                  | 143.22%            | 0.079    | 0.113                | -        |
| NR n12           | _                  | FIZ BESK               |            | -           | Bottom Edge                   | 10               | 141300           | 706.5            | 4   | 24.50                           | 23.08                  | 138.68%            | 0.035    | 0.049                | -        |
| NR n12           | _                  |                        | 36         | 22          | Bottom Edge                   | 10               | 141300           | 706.5            | 4   | 24.50                           | 22.94                  | 143.22%            | 0.031    | 0.044                | -        |
| NR n12           | _                  |                        |            | 1           | Left Edge                     | 10               | 141300           | 706.5            | 4   | 24.50                           | 23.08                  | 138.68%            | 0.096    | 0.133                | 178      |
| NR n12           |                    |                        | 36         | 22          | Left Edge                     | 10               | 141300           | 706.5            | 4   | 24.50                           | 22.94                  | 143.22%            | 0.095    | 0.136                | -        |
| ND -05           |                    |                        | 1          | 1           | F                             | 40               | 070500           | 4000 5           | 4   | 24.50                           | 22.97                  | 142.23%            | 0.142    | 0.202                | -        |
| NR n25           | 4                  |                        |            |             | Front Surface                 | 10               | 376500           | 1882.5           |     |                                 |                        |                    |          |                      |          |
| NR n25           | 4                  |                        | 108        | 54          | Front Surface<br>Back Surface | 10               | 376500<br>376500 | 1882.5<br>1882.5 | 4   | 24.50<br>24.50                  | 22.91<br>22.97         | 144.21%<br>142.23% | 0.133    | 0.192                | -        |
| NR n25           | 4                  |                        | 108        | 54          | Back Surface<br>Back Surface  | 10               | 376500           | 1882.5           | 4   | 24.50                           | 22.97                  | 144.21%            | 0.170    | 0.265                | 1        |
| NR n25           | 40MHz              | SCS 15kHz<br>Pi/2 BPSK | 108        | 1           | Back Surface<br>Bottom Edge   | 10               | 376500           | 1882.5           | 4   | 24.50                           | 22.91                  | 144.21%            | 0.170    | 0.245                | 1        |
| NR n25           | 4                  | 102 01 010             | 108        | 54          |                               | 10               | 376500           | 1882.5           |     | 24.50                           | 22.97                  | 144.21%            | 0.120    | 0.267                | <u> </u> |
|                  | 4                  |                        | 108        | 1           | Bottom Edge                   |                  |                  |                  | 4   |                                 |                        |                    |          |                      | 179      |
| NR n25           | 4                  |                        | 108        | 54          | Left Edge                     | 10               | 376500<br>376500 | 1882.5<br>1882.5 |     | 24.50<br>24.50                  | 22.97<br>22.91         | 142.23%<br>144.21% | 0.260    | 0.370                | 1/9      |
| NR n25           | -                  |                        | 108        | 54          | Left Edge                     | 10               | 3/0000           | 1882.5           | 4   | 24.50                           | 22.91                  | 144.21%            | 0.252    | 0.363                | -        |
| NR n66           |                    |                        | 1          | 1           | Front Surface                 | 10               | 352000           | 1760             | 4   | 24.50                           | 22.92                  | 143.88%            | 0.208    | 0.299                | -        |
| NR n66           | 7                  |                        | 108        | 54          | Front Surface                 | 10               | 349000           | 1745             | 4   | 24.50                           | 22.79                  | 148.25%            | 0.199    | 0.295                | -        |
| NR n66           | 7                  |                        | 1          | 1           | Back Surface                  | 10               | 352000           | 1760             | 4   | 24.50                           | 22.92                  | 143.88%            | 0.187    | 0.269                | -        |
| NR n66           | +                  | SCS 15kHz              | 108        | 54          | Back Surface                  | 10               | 349000           | 1745             | 4   | 24.50                           | 22.79                  | 148.25%            | 0.179    | 0.265                | -        |
| NR n66           | 40MHz              | Pi/2 BPSK              | 1          | 1           | Bottom Edge                   | 10               | 352000           | 1760             | 4   | 24.50                           | 22.92                  | 143.88%            | 0.242    | 0.348                | -        |
| NR n66           | ┪                  | ' "                    | 108        | 54          | Bottom Edge                   | 10               | 349000           | 1745             | 4   | 24.50                           | 22.79                  | 148.25%            | 0.242    | 0.323                |          |
| NR n66           | 7                  |                        | 1          | 1           | Left Edge                     | 10               | 352000           | 1760             | 4   | 24.50                           | 22.92                  | 143.88%            | 0.277    | 0.399                | 180      |
| NR n66           | +                  |                        | 108        | 54          | Left Edge                     | 10               | 349000           | 1745             | 4   | 24.50                           | 22.79                  | 148.25%            | 0.266    | 0.394                | -        |
|                  |                    |                        |            |             | , in the second               |                  |                  |                  |     |                                 |                        |                    |          |                      |          |
| NR n71           |                    |                        | 1          | 1           | Front Surface                 | 10               | 135600           | 678              | 4   | 24.50                           | 23.68                  | 120.78%            | 0.053    | 0.064                | -        |
| NR n71           | 7                  |                        | 80         | 40          | Front Surface                 | 10               | 135600           | 678              | 4   | 24.50                           | 23.53                  | 125.03%            | 0.051    | 0.064                | -        |
| NR n71           | 7                  |                        | 1          | 1           | Back Surface                  | 10               | 135600           | 678              | 4   | 24.50                           | 23.68                  | 120.78%            | 0.068    | 0.082                | -        |
| NR n71           | 1                  | SCS 15kHz              | 80         | 40          | Back Surface                  | 10               | 135600           | 678              | 4   | 24.50                           | 23.53                  | 125.03%            | 0.064    | 0.080                | -        |
| NR n71           | 30MHz              | Pi/2 BPSK              | 1          | 1           | Bottom Edge                   | 10               | 135600           | 678              | 4   | 24.50                           | 23.68                  | 120.78%            | 0.049    | 0.059                | -        |
| NR n71           | 7                  |                        | 80         | 40          | Bottom Edge                   | 10               | 135600           | 678              | 4   | 24.50                           | 23.53                  | 125.03%            | 0.045    | 0.056                | -        |
| NR n71           | ┪                  |                        | 1          | 1           | Left Edge                     | 10               | 135600           | 678              | 4   | 24.50                           | 23.68                  | 120.78%            | 0.126    | 0.152                | 181      |
| NR n71           | ┪                  |                        | 80         | 40          | Left Edge                     | 10               | 135600           | 678              | 4   | 24.50                           | 23.53                  | 125.03%            | 0.119    | 0.149                |          |
|                  | 1                  |                        |            |             | , ,                           |                  |                  |                  | -   |                                 |                        |                    | <u> </u> | 1                    |          |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 517 of 939

Hotspot\_Ant2

| Hotspot_Ant2               | <u>′</u>           |            |            |             |                                |                  |                |                  |     |                                 |                        |                    |                  |                |              |
|----------------------------|--------------------|------------|------------|-------------|--------------------------------|------------------|----------------|------------------|-----|---------------------------------|------------------------|--------------------|------------------|----------------|--------------|
| Mode                       | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position                       | Distance<br>(mm) | Channel        | Freq.<br>(MHz)   | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | Averaged S<br>(W | /kg)           | ID           |
| LTE Decide                 | (IVII IZ)          |            |            |             | Front Confess                  | , ,              | 40400          |                  | 4   | Tolerance (dBm)                 | (dBm)                  | 405.000/           | Measured         | Reported       |              |
| LTE Band 2<br>LTE Band 2   | +                  |            | 50         | 0<br>25     | Front Surface<br>Front Surface | 10               | 19100<br>19100 | 1900<br>1860     | 4   | 21.50<br>20.50                  | 21.28                  | 105.20%<br>110.66% | 0.276<br>0.237   | 0.290          | -            |
| LTE Band 2                 |                    |            | 1          | 0           | Back Surface                   | 10               | 19100          | 1900             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.242            | 0.255          |              |
| LTE Band 2                 | 1                  |            | 50         | 25          | Back Surface                   | 10               | 19100          | 1860             | 4   | 20.50                           | 20.06                  | 110.66%            | 0.186            | 0.206          | -            |
| LTE Band 2                 | 20MHz              | QPSK       | 1          | 0           | Bottom Edge                    | 10               | 19100          | 1900             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.512            | 0.539          | 182          |
| LTE Band 2                 |                    |            | 50         | 25          | Bottom Edge                    | 10               | 19100          | 1860             | 4   | 20.50                           | 20.06                  | 110.66%            | 0.298            | 0.330          | -            |
| LTE Band 2                 |                    |            | 1          | 0           | Right Edge                     | 10               | 19100          | 1900             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.165            | 0.174          | -            |
| LTE Band 2                 |                    |            | 50         | 25          | Right Edge                     | 10               | 19100          | 1860             | 4   | 20.50                           | 20.06                  | 110.66%            | 0.122            | 0.135          | -            |
| 2C                         |                    |            | 1          | 0           | Bottom Edge                    | 10               | 19100          | 1900             | 4   | 21.50                           | 21.05                  | 110.92%            | 0.412            | 0.457          |              |
| LTE Band 4                 |                    |            | 1          | 0           | Front Surface                  | 10               | 20175          | 1732.5           | 4   | 23.50                           | 23.44                  | 101.39%            | 0.312            | 0.316          | -            |
| LTE Band 4                 |                    |            | 50         | 0           | Front Surface                  | 10               | 20175          | 1732.5           | 4   | 22.50                           | 22.38                  | 102.80%            | 0.262            | 0.269          | -            |
| LTE Band 4                 |                    |            | 1          | 0           | Back Surface                   | 10               | 20175          | 1732.5           | 4   | 23.50                           | 23.44                  | 101.39%            | 0.336            | 0.341          | -            |
| LTE Band 4                 | 20MHz              | QPSK       | 50         | 0           | Back Surface                   | 10               | 20175          | 1732.5           | 4   | 22.50                           | 22.38                  | 102.80%            | 0.264            | 0.271          | -            |
| LTE Band 4                 | ZUIVIFIZ           | QF3K       | 1          | 0           | Bottom Edge                    | 10               | 20175          | 1732.5           | 4   | 23.50                           | 23.44                  | 101.39%            | 0.549            | 0.557          | 183          |
| LTE Band 4                 |                    |            | 50         | 0           | Bottom Edge                    | 10               | 20175          | 1732.5           | 4   | 22.50                           | 22.38                  | 102.80%            | 0.384            | 0.395          | -            |
| LTE Band 4                 |                    |            | 1          | 0           | Right Edge                     | 10               | 20175          | 1732.5           | 4   | 23.50                           | 23.44                  | 101.39%            | 0.129            | 0.131          | -            |
| LTE Band 4                 |                    |            | 50         | 0           | Right Edge                     | 10               | 20175          | 1732.5           | 4   | 22.50                           | 22.38                  | 102.80%            | 0.104            | 0.107          | -            |
| LTE Band 7                 |                    |            | 1          | 0           | Front Surface                  | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.361            | 0.431          | -            |
| LTE Band 7                 |                    |            | 50         | 50          | Front Surface                  | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.381            | 0.431          | -:           |
| LTE Band 7                 | 1                  |            | 1          | 0           | Back Surface                   | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.262            | 0.497          |              |
| LTE Band 7                 | 1                  |            | 50         | 50          | Back Surface                   | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.315            | 0.385          | -            |
| LTE Band 7                 | 20MHz              | QPSK       | 1          | 0           | Bottom Edge                    | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.663            | 0.792          | 184          |
| LTE Band 7                 | ]                  |            | 50         | 50          | Bottom Edge                    | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.489            | 0.597          |              |
| LTE Band 7                 | ]                  |            | 1          | 0           | Right Edge                     | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.197            | 0.235          | -            |
| LTE Band 7                 | 1                  |            | 50         | 50          | Right Edge                     | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.156            | 0.191          | -            |
| 7C                         |                    |            | 1          | 0           | Bottom Edge                    | 10               | 20850          | 2510             | 4   | 24.50                           | 23.28                  | 132.43%            | 0.523            | 0.693          | -            |
| 1 mm m 1 m 1               |                    |            |            |             |                                |                  |                | 44               |     |                                 |                        |                    | ****             |                | $\vdash$     |
| LTE Band 25                | 4                  |            | 1 50       | 0           | Front Surface                  | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 140.60%            | 0.383            | 0.539          | -            |
| LTE Band 25<br>LTE Band 25 | -                  |            | 50         | 25          |                                | 10               | 26590          | 1905             | 4   | 23.50                           | 21.91                  | 144.21%            | 0.285            | 0.411          | -            |
| LTE Band 25<br>LTE Band 25 |                    |            | 50         | 0<br>25     | Back Surface<br>Back Surface   | 10<br>10         | 26590<br>26590 | 1905<br>1905     | 4   | 24.50<br>23.50                  | 23.02<br>21.91         | 140.60%<br>144.21% | 0.302<br>0.219   | 0.425<br>0.316 | -            |
| LTE Band 25                | 20MHz              | QPSK       | 1          | 0           | Bottom Edge                    | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 144.21%            | 0.219            | 0.769          | 185          |
| LTE Band 25                | 1                  |            | 50         | 25          | Bottom Edge                    | 10               | 26590          | 1905             | 4   | 23.50                           | 21.91                  | 144.21%            | 0.402            | 0.580          | -            |
| LTE Band 25                |                    |            | 1          | 0           | Right Edge                     | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 140.60%            | 0.179            | 0.252          | -            |
| LTE Band 25                | İ                  |            | 50         | 25          | Right Edge                     | 10               | 26590          | 1905             | 4   | 23.50                           | 21.91                  | 144.21%            | 0.105            | 0.151          | -            |
| ·                          |                    |            |            |             |                                |                  |                |                  |     |                                 |                        |                    |                  |                |              |
|                            |                    |            |            |             |                                |                  |                |                  |     |                                 |                        |                    |                  |                |              |
| LTE Band 30                |                    |            | 1          | 0           | Front Surface                  | 10               | 27710          | 2310             | 4   | 22.50                           | 22.43                  | 101.62%            | 0.274            | 0.278          | -            |
| LTE Band 30                |                    |            | 25         | 12          | Front Surface                  | 10               | 27710          | 2310             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.223            | 0.235          | -            |
| LTE Band 30                |                    |            | 1          | 0           | Back Surface                   | 10               | 27710          | 2310             | 4   | 22.50                           | 22.43                  | 101.62%            | 0.295            | 0.300          | -            |
| LTE Band 30                | 10MHz              | QPSK       | 25         | 25          | Back Surface                   | 10               | 27710          | 2310             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.243            | 0.256          | -            |
| LTE Band 30                |                    |            | 1          | 0           | Bottom Edge                    | 10               | 27710          | 2310             | 4   | 22.50                           | 22.43                  | 101.62%            | 0.305            | 0.310          | 186          |
| LTE Band 30<br>LTE Band 30 | -                  |            | 25<br>1    | 25<br>0     | Bottom Edge<br>Right Edge      | 10               | 27710<br>27710 | 2310<br>2310     | 4   | 21.50<br>22.50                  | 21.28<br>22.43         | 105.20%<br>101.62% | 0.253<br>0.162   | 0.266<br>0.165 | -            |
| LTE Band 30                |                    |            | 25         | 25          | Right Edge                     | 10               | 27710          | 2310             | 4   | 21.50                           | 21.28                  | 105.20%            | 0.102            | 0.103          | -            |
| ETE Balla 00               |                    |            | 2.0        | 2.0         | ragin Lago                     |                  | 27710          | 2010             | -   | 21.00                           | 21.20                  | 100.2070           | 0.120            | 0.101          |              |
| LTE Band 66                |                    |            | 1          | 0           | Front Surface                  | 10               | 132072         | 1720             | 4   | 23.50                           | 23.14                  | 108.64%            | 0.223            | 0.242          | -            |
| LTE Band 66                | 1                  |            | 50         | 0           | Front Surface                  | 10               | 132072         | 1720             | 4   | 22.50                           | 22.03                  | 111.43%            | 0.182            | 0.203          | -            |
| LTE Band 66                |                    |            | 1          | 0           | Back Surface                   | 10               | 132072         | 1720             | 4   | 23.50                           | 23.14                  | 108.64%            | 0.276            | 0.300          | -            |
| LTE Band 66                | 20MHz              | QPSK       | 50         | 0           | Back Surface                   | 10               | 132072         | 1720             | 4   | 22.50                           | 22.03                  | 111.43%            | 0.215            | 0.240          | -            |
| LTE Band 66                | ZUIVIFIZ           | QFSK       | 1          | 0           | Bottom Edge                    | 10               | 132072         | 1720             | 4   | 23.50                           | 23.14                  | 108.64%            | 0.438            | 0.476          | 187          |
| LTE Band 66                |                    |            | 50         | 0           | Bottom Edge                    | 10               | 132072         | 1720             | 4   | 22.50                           | 22.03                  | 111.43%            | 0.383            | 0.427          | -            |
| LTE Band 66                | 4                  |            | 1 50       | 0           | Right Edge                     | 10               | 132072         | 1720             | 4   | 23.50                           | 23.14                  | 108.64%            | 0.126            | 0.137          | -            |
| LTE Band 66                | -                  | -          | 50         | 0           | Right Edge                     | 10               | 132072         | 1720             | 4   | 22.50                           | 22.03                  | 111.43%            | 0.105            | 0.117          | -            |
| LTE Band 38                |                    |            | 1          | 0           | Front Surface                  | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.163            | 0.200          | -            |
| LTE Band 38                | 1                  |            | 50         | 0           | Front Surface                  | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.103            | 0.162          |              |
| LTE Band 38                | 1                  |            | 1          | 0           | Back Surface                   | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.282            | 0.345          | -            |
| LTE Band 38                |                    | 00000      | 50         | 0           | Back Surface                   | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.225            | 0.285          | -            |
| LTE Band 38                | 20MHz              | QPSK       | 1          | 0           | Bottom Edge                    | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.463            | 0.567          | 188          |
| LTE Band 38                | 1                  |            | 50         | 0           | Bottom Edge                    | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.393            | 0.497          | -            |
| LTE Band 38                | 1                  |            | 1          | 0           | Right Edge                     | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.148            | 0.181          | -            |
| LTE Band 38                |                    |            | 50         | 0           | Right Edge                     | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.119            | 0.151          | <del>-</del> |
| LTE B                      |                    | -          |            |             | F                              |                  | 44000          | 0000 =           |     | 04.55                           | 00.77                  | 400 0101           | 0.404            | 0.000          | $\vdash$     |
| LTE Band 41                | 4                  |            | 1 50       | 0           | Front Surface                  | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.164            | 0.202          | -            |
| LTE Band 41<br>LTE Band 41 | 1                  |            | 50<br>1    | 25<br>0     | Front Surface<br>Back Surface  | 10               | 41055<br>41055 | 2636.5<br>2636.5 | 4   | 23.50<br>24.50                  | 22.51<br>23.59         | 125.60%<br>123.31% | 0.128<br>0.294   | 0.161          | H            |
| LTE Band 41                | 1                  |            | 50         | 25          | Back Surface                   | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 125.60%            | 0.294            | 0.295          | -            |
| LTE Band 41                | 20MHz              | QPSK       | 1          | 0           | Bottom Edge                    | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.233            | 0.293          | 189          |
| LTE Band 41                | 1                  |            | 50         | 25          | Bottom Edge                    | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.375            | 0.471          |              |
| LTE Band 41                | 1                  |            | 1          | 0           | Right Edge                     | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.156            | 0.192          | -            |
| LTE Band 41                | 1                  |            | 50         | 25          | Right Edge                     | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.125            | 0.157          | -            |
| 41C                        |                    |            | 1          | 0           | Bottom Edge                    | 10               | 39750          | 2506             | 4   | 24.50                           | 23.36                  | 130.02%            | 0.389            | 0.506          | -            |
|                            |                    |            |            |             |                                |                  |                |                  |     |                                 |                        |                    |                  |                |              |
| LTE Band 42                |                    |            | 1          | 0           | Front Surface                  | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.121            | 0.153          | -            |
| LTE Band 42                | ]                  |            | 50         | 25          | Front Surface                  | 10               | 42590          | 3500             | 4   | 23.50                           | 22.42                  | 128.23%            | 0.099            | 0.127          | -            |
| LTE Band 42                | ]                  |            | 1          | 0           | Back Surface                   | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.105            | 0.133          | -            |
| LTE Band 42                | 20MHz              | QPSK       | 50         | 25          | Back Surface                   | 10               | 42590          | 3500             | 4   | 23.50                           | 22.42                  | 128.23%            | 0.082            | 0.105          |              |
| LTE Band 42                | 1                  |            | 1          | 0           | Bottom Edge                    | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.135            | 0.171          | 190          |
| LTE Band 42                | 4                  |            | 50         | 25          | Bottom Edge                    | 10               | 42590          | 3500             | 4   | 23.50                           | 22.42                  | 128.23%            | 0.112            | 0.144          | -            |
| LTE Band 42                | 4                  |            | 1 50       | 0 25        | Right Edge                     | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.064            | 0.081          | -            |
| LTE Band 42                | l                  | l          | 50         | 25          | Right Edge                     | 10               | 42590          | 3500             | 4   | 23.50                           | 22.42                  | 128.23%            | 0.052            | 0.067          | -            |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有的时,他都是结果做到的这种,他就是结果的。

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Page: 518 of 939

|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    | Aurora            | CAD                 |          |
|------------------------------|--------------------|------------------------|------------|---------|--------------------------------|----------|------------------|--------------------|-----|---------------------------------|------------------------|--------------------|-------------------|---------------------|----------|
| Mode                         | Bandwidth<br>(MHz) | Modulation             | RB         | RB      | Position                       | Distance | Channel          | Freq.<br>(MHz)     | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | Averaged 8<br>(W. | SAR over 1g<br>/kg) | ID       |
|                              | (MHz)              |                        | Size       | start   |                                | (mm)     |                  | ` '                |     | Tolerance (dBm)                 | (dBm)                  | _                  | Measured          | Reported            |          |
| NR n2<br>NR n2               | 1                  |                        | 50         | 1 28    | Front Surface<br>Front Surface | 10<br>10 | 376000<br>376000 | 1880<br>1880       | 4   | 24.50<br>24.50                  | 23.54<br>23.44         | 124.74%<br>127.64% | 0.432<br>0.415    | 0.539<br>0.530      | -        |
| NR n2                        | ł                  |                        | 1          | 1       | Back Surface                   | 10       | 376000           | 1880               | 4   | 24.50                           | 23.54                  | 124.74%            | 0.415             | 0.530               |          |
| NR n2                        |                    |                        | 50         | 28      | Back Surface                   | 10       | 376000           | 1880               | 4   | 24.50                           | 23.44                  | 127.64%            | 0.334             | 0.426               | -        |
| NR n2                        | 1                  | SCS 15kHz              | 1          | 1       | Bottom Edge                    | 10       | 372000           | 1860               | 4   | 24.50                           | 23.37                  | 129.72%            | 0.751             | 0.974               | -        |
| NR n2                        | 20MHz              | Pi/2 BPSK              | 1          | 1       | Bottom Edge                    | 10       | 376000           | 1880               | 4   | 24.50                           | 23.54                  | 124.74%            | 0.793             | 0.989               | 191      |
| NR n2<br>NR n2               |                    |                        | 50         | 1<br>28 | Bottom Edge                    | 10       | 380000<br>376000 | 1900<br>1880       | 4   | 24.50<br>24.50                  | 23.53<br>23.44         | 125.03%<br>127.64% | 0.782<br>0.762    | 0.978<br>0.973      | -        |
| NR n2                        | 1                  |                        | 100        | 0       | Bottom Edge<br>Bottom Edge     | 10       | 380000           | 1900               | 4   | 24.00                           | 23.03                  | 125.03%            | 0.762             | 0.973               | -        |
| NR n2                        | i                  |                        | 1          | 1       | Right Edge                     | 10       | 376000           | 1880               | 4   | 24.50                           | 23.54                  | 124.74%            | 0.352             | 0.439               | -        |
| NR n2                        |                    |                        | 50         | 28      | Right Edge                     | 10       | 376000           | 1880               | 4   | 24.50                           | 23.44                  | 127.64%            | 0.328             | 0.419               | -        |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |
| NR n7                        |                    |                        | 1          | 1       | Front Surface                  | 10       | 504000           | 2520               | 4   | 24.50                           | 24.25                  | 105.93%            | 0.422             | 0.447               | -        |
| NR n7                        | 1                  |                        | 108        | 54<br>1 | Front Surface<br>Back Surface  | 10       | 504000<br>504000 | 2520<br>2520       | 4   | 24.50<br>24.50                  | 24.15<br>24.25         | 108.39%            | 0.409             | 0.443               | -        |
| NR n7                        | ŧ                  |                        | 108        | 54      | Back Surface                   | 10       | 504000           | 2520               | 4   | 24.50                           | 24.15                  | 108.39%            | 0.472             | 0.512               | -        |
| NR n7                        | İ                  |                        | 1          | 1       | Bottom Edge                    | 10       | 504000           | 2520               | 4   | 24.50                           | 24.25                  | 105.93%            | 0.783             | 0.829               | 192      |
| NR n7                        | 40MHz              | SCS 15kHz<br>Pi/2 BPSK | 1          | 1       | Bottom Edge                    | 10       | 507000           | 2535               | 4   | 24.50                           | 24.12                  | 109.14%            | 0.748             | 0.816               | -        |
| NR n7                        |                    |                        | 1          | 1       | Bottom Edge                    | 10       | 510000           | 2550               | 4   | 24.50                           | 24.16                  | 108.14%            | 0.711             | 0.769               | -        |
| NR n7                        |                    |                        | 108        | 54      | Bottom Edge                    | 10       | 504000           | 2520               | 4   | 24.50                           | 24.15                  | 108.39%            | 0.735             | 0.797               | -        |
| NR n7                        |                    |                        | 216        | 0       | Bottom Edge<br>Right Edge      | 10<br>10 | 504000<br>504000 | 2520<br>2520       | 4   | 24.00<br>24.50                  | 23.71<br>24.25         | 106.91%<br>105.93% | 0.668<br>0.269    | 0.714<br>0.285      | -        |
| NR n7                        | ł                  |                        | 108        | 54      | Right Edge                     | 10       | 504000           | 2520               | 4   | 24.50                           | 24.15                  | 108.39%            | 0.248             | 0.269               | -        |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |
| NR n25                       |                    |                        | 1          | 1       | Front Surface                  | 10       | 379000           | 1895               | 4   | 24.50                           | 23.74                  | 119.12%            | 0.425             | 0.506               | -        |
| NR n25                       | 1                  |                        | 108        | 54      | Front Surface                  | 10       | 379000           | 1895               | 4   | 24.50                           | 23.56                  | 124.17%            | 0.401             | 0.498               | -        |
| NR n25                       | 1                  |                        | 1          | 1       | Back Surface                   | 10       | 379000           | 1895               | 4   | 24.50                           | 23.74                  | 119.12%            | 0.355             | 0.423               | -        |
| NR n25<br>NR n25             | 1                  |                        | 108        | 54      | Back Surface<br>Bottom Edge    | 10<br>10 | 379000<br>374000 | 1895<br>1870       | 4   | 24.50<br>24.50                  | 23.56<br>23.66         | 124.17%<br>121.34% | 0.338<br>0.684    | 0.420<br>0.830      | -        |
| NR n25                       | 40MHz              | SCS 15kHz              | 1          | 1       | Bottom Edge                    | 10       | 374000           | 1882.5             | 4   | 24.50                           | 23.53                  | 121.34%            | 0.684             | 0.886               |          |
| NR n25                       | 1                  | Pi/2 BPSK              | 1          | 1       | Bottom Edge                    | 10       | 379000           | 1895               | 4   | 24.50                           | 23.74                  | 119.12%            | 0.760             | 0.905               | 193      |
| NR n25                       | 1                  |                        | 108        | 54      | Bottom Edge                    | 10       | 379000           | 1895               | 4   | 24.50                           | 23.56                  | 124.17%            | 0.709             | 0.880               | -        |
| NR n25                       | 1                  |                        | 216        | 0       | Bottom Edge                    | 10       | 379000           | 1895               | 4   | 24.00                           | 23.24                  | 119.12%            | 0.672             | 0.801               | -        |
| NR n25                       | 1                  |                        | 1          | 1       | Right Edge                     | 10       | 379000           | 1895               | 4   | 24.50                           | 23.74                  | 119.12%            | 0.248             | 0.295               |          |
| NR n25                       | -                  | -                      | 108        | 54      | Right Edge                     | 10       | 379000           | 1895               | 4   | 24.50                           | 23.56                  | 124.17%            | 0.210             | 0.261               | -        |
| NR n66                       |                    | -                      | 1          | 1       | Front Surface                  | 10       | 346000           | 1730               | 4   | 24.50                           | 23.38                  | 129.42%            | 0.335             | 0.434               | _        |
| NR n66                       | t                  |                        | 108        | 54      | Front Surface                  | 10       | 346000           | 1730               | 4   | 24.50                           | 23.19                  | 135.21%            | 0.335             | 0.434               | <u> </u> |
| NR n66                       | İ                  |                        | 1          | 1       | Back Surface                   | 10       | 346000           | 1730               | 4   | 24.50                           | 23.38                  | 129.42%            | 0.362             | 0.468               | -        |
| NR n66                       | 40MHz              | SCS 15kHz              | 108        | 54      | Back Surface                   | 10       | 346000           | 1730               | 4   | 24.50                           | 23.19                  | 135.21%            | 0.342             | 0.462               | -        |
| NR n66                       | 40/11/2            | Pi/2 BPSK              | 1          | 1       | Bottom Edge                    | 10       | 346000           | 1730               | 4   | 24.50                           | 23.38                  | 129.42%            | 0.604             | 0.782               | 194      |
| NR n66                       |                    |                        | 108        | 54      | Bottom Edge                    | 10       | 346000           | 1730               | 4   | 24.50                           | 23.19                  | 135.21%            | 0.542             | 0.733               | -        |
| NR n66                       | -                  |                        | 1 400      | - 1     | Right Edge                     | 10       | 346000           | 1730               | 4   | 24.50                           | 23.38                  | 129.42%            | 0.251             | 0.325               | -        |
| NR n66                       |                    |                        | 108        | 54      | Right Edge                     | 10       | 346000           | 1730               | 4   | 24.50                           | 23.19                  | 135.21%            | 0.238             | 0.322               | -        |
| NR n38                       |                    |                        | 1          | 1       | Front Surface                  | 10       | 520000           | 2600               | 4   | 24.50                           | 24.12                  | 109.14%            | 0.352             | 0.384               | -        |
| NR n38                       | İ                  |                        | 50         | 25      | Front Surface                  | 10       | 520000           | 2600               | 4   | 24.50                           | 24.00                  | 112.20%            | 0.328             | 0.368               | -        |
| NR n38                       | 1                  |                        | 1          | 1       | Back Surface                   | 10       | 520000           | 2600               | 4   | 24.50                           | 24.12                  | 109.14%            | 0.516             | 0.563               | -        |
| NR n38                       |                    |                        | 50         | 25      | Back Surface                   | 10       | 520000           | 2600               | 4   | 24.50                           | 24.00                  | 112.20%            | 0.499             | 0.560               | -        |
| NR n38                       | 401.01             | SCS 30kHz              | 1          | 1       | Bottom Edge                    | 10       | 518000           | 2590               | 4   | 24.50                           | 24.02                  | 111.69%            | 0.786             | 0.878               | -        |
| NR n38<br>NR n38             | 40MHz              | Pi/2 BPSK              | 1          | 1       | Bottom Edge<br>Bottom Edge     | 10<br>10 | 519000<br>520000 | 2595<br>2600       | 4   | 24.50<br>24.50                  | 24.04<br>24.12         | 111.17%<br>109.14% | 0.815<br>0.853    | 0.906<br>0.931      | 195      |
| NR n38                       | 1                  |                        | 50         | 25      | Bottom Edge                    | 10       | 520000           | 2600               | 4   | 24.50                           | 24.00                  | 112.20%            | 0.782             | 0.877               | -        |
| NR n38                       | +                  |                        | 100        | 0       | Bottom Edge                    | 10       | 520000           | 2600               | 4   | 24.00                           | 23.56                  | 110.66%            | 0.668             | 0.739               | -        |
| NR n38                       | 1                  |                        | 1          | 1       | Right Edge                     | 10       | 520000           | 2600               | 4   | 24.50                           | 24.12                  | 109.14%            | 0.302             | 0.330               | -        |
| NR n38                       |                    |                        | 50         | 25      | Right Edge                     | 10       | 520000           | 2600               | 4   | 24.50                           | 24.00                  | 112.20%            | 0.285             | 0.320               | -        |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |
| NR n41<br>NR n41             | -                  |                        | 135        | 69      | Front Surface<br>Front Surface | 10<br>10 | 509202<br>528000 | 2546.01<br>2640    | 4   | 24.50<br>24.50                  | 23.54<br>23.44         | 124.74%<br>127.64% | 0.332<br>0.315    | 0.414<br>0.402      | -        |
| NR n41                       | +                  |                        | 1          | 1       | Back Surface                   | 10       | 509202           | 2546.01            | 4   | 24.50                           | 23.54                  | 124.74%            | 0.611             | 0.762               | -        |
| NR n41                       | i                  |                        | 135        | 69      | Back Surface                   | 10       | 528000           | 2640               | 4   | 24.50                           | 23.44                  | 127.64%            | 0.592             | 0.756               | -        |
| NR n41                       | ]                  | SCS 30kHz              | 1          | 1       | Bottom Edge                    | 10       | 509202           | 2546.01            | 4   | 24.50                           | 23.54                  | 124.74%            | 0.816             | 1.018               | 196      |
| NR n41                       | 100MHz             | Pi/2 BPSK              | 1          | 1       | Bottom Edge                    | 10       | 518598           | 2592.99            | 4   | 24.50                           | 23.46                  | 127.06%            | 0.796             | 1.011               | -        |
| NR n41                       | 1                  |                        | 1 100      | 1 20    | Bottom Edge                    | 10       | 528000           | 2640               | 4   | 24.50                           | 23.51                  | 125.60%            | 0.752             | 0.945               | -        |
| NR n41<br>NR n41             | 1                  |                        | 135<br>270 | 69      | Bottom Edge<br>Bottom Edge     | 10       | 528000<br>528000 | 2640<br>2640       | 4   | 24.50<br>24.00                  | 23.44                  | 127.64%<br>125.31% | 0.727<br>0.657    | 0.928<br>0.823      | -        |
| NR n41<br>NR n41             | t                  |                        | 1          | 1       | Right Edge                     | 10       | 528000           | 2546.01            | 4   | 24.00                           | 23.02                  | 125.31%            | 0.657             | 0.823               | -        |
| NR n41                       | L_                 | <u>L_</u>              | 135        | 69      | Right Edge                     | 10       | 528000           | 2640               | 4   | 24.50                           | 23.44                  | 127.64%            | 0.308             | 0.393               | -        |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |
| NR n77                       | 1                  |                        | 1          | 1 00    | Front Surface                  | 10       | 652400           | 3786               | 4   | 24.50                           | 23.12                  | 137.40%            | 0.339             | 0.466               | -        |
| NR n77                       | 1                  |                        | 135        | 69      | Front Surface<br>Back Surface  | 10       | 652400<br>652400 | 3786<br>3786       | 4   | 24.50<br>24.50                  | 23.03                  | 140.28%            | 0.322             | 0.452               | -        |
| NR n//<br>NR n/7             | t                  |                        | 135        | 69      | Back Surface<br>Back Surface   | 10       | 652400<br>652400 | 3786               | 4   | 24.50<br>24.50                  | 23.12                  | 137.40%            | 0.308             | 0.423               | -        |
| NR n77                       | 100MHz             | SCS 30kHz              | 1          | 1       | Bottom Edge                    | 10       | 652400           | 3786               | 4   | 24.50                           | 23.12                  | 137.40%            | 0.529             | 0.727               | 197      |
| NR n77                       | 1                  | Pi/2 BPSK              | 1          | 1       | Bottom Edge                    | 10       | 654800           | 3822               | 4   | 24.50                           | 23.09                  | 138.36%            | 0.526             | 0.728               | -        |
| NR n77                       | 1                  |                        | 135        | 69      | Bottom Edge                    | 10       | 652400           | 3786               | 4   | 24.50                           | 23.03                  | 140.28%            | 0.507             | 0.711               | -        |
| NR n77                       | 1                  |                        | 1          | 1 20    | Right Edge                     | 10       | 652400           | 3786               | 4   | 24.50                           | 23.12                  | 137.40%            | 0.101             | 0.139               | -        |
| NR n77                       |                    | -                      | 135        | 69      | Right Edge                     | 10       | 652400           | 3786               | 4   | 24.50                           | 23.03                  | 140.28%            | 0.061             | 0.086               | -        |
| NR n77 & n78                 |                    |                        | 1          | 1       | Front Surface                  | 10       | 633334           | 3500.01            | 4   | 24.50                           | 22.81                  | 147.57%            | 0.324             | 0.478               | -        |
| NR n77 & n78                 | 1                  |                        | 135        | 69      | Front Surface                  | 10       | 633334           | 3500.01            | 4   | 24.50                           | 22.61                  | 154.53%            | 0.310             | 0.479               | -        |
| NR n77 & n78                 | ]                  |                        | 1          | 1       | Back Surface                   | 10       | 633334           | 3500.01            | 4   | 24.50                           | 22.81                  | 147.57%            | 0.258             | 0.381               | -        |
| NR n77 & n78                 | 100MHz             | SCS 30kHz              | 135        | 69      | Back Surface                   | 10       | 633334           | 3500.01            | 4   | 24.50                           | 22.61                  | 154.53%            | 0.241             | 0.372               | -        |
| NR n77 & n78                 | 1                  | Pi/2 BPSK              | 1 125      | 1 00    | Bottom Edge                    | 10       | 633334           | 3500.01            | 4   | 24.50                           | 22.81                  | 147.57%            | 0.472             | 0.697               | 198      |
| NR n77 & n78<br>NR n77 & n78 | 1                  |                        | 135        | 69      | Bottom Edge<br>Right Edge      | 10<br>10 | 633334<br>633334 | 3500.01<br>3500.01 | 4   | 24.50<br>24.50                  | 22.61<br>22.81         | 154.53%<br>147.57% | 0.466<br>0.132    | 0.720<br>0.195      | -        |
| NR n// & n/8<br>NR n77 & n78 | †                  |                        | 135        | 69      | Right Edge<br>Right Edge       | 10       | 633334           | 3500.01<br>3500.01 | 4   | 24.50                           | 22.81                  | 147.57%            | 0.132             | 0.195               | -        |
|                              |                    |                        |            |         | grit Lage                      |          | 300004           | 2300.01            | , · | 24.00                           | 22.01                  | . 54.00 /0         | 5.124             | 0.102               |          |
| NR n78                       |                    |                        | 1          | 1       | Front Surface                  | 10       | 650000           | 3750               | 4   | 24.50                           | 22.78                  | 148.59%            | 0.257             | 0.382               | -        |
| NR n78                       | 1                  |                        | 135        | 69      | Front Surface                  | 10       | 650000           | 3750               | 4   | 24.50                           | 22.64                  | 153.46%            | 0.241             | 0.370               | -        |
| NR n78                       | 1                  |                        | 1          | 1       | Back Surface                   | 10       | 650000           | 3750               | 4   | 24.50                           | 22.78                  | 148.59%            | 0.187             | 0.278               | -        |
| NR n78                       | 100MHz             | SCS 30kHz<br>Pi/2 BPSK | 135        | 69<br>1 | Back Surface                   | 10       | 650000           | 3750               | 4   | 24.50                           | 22.64                  | 153.46%            | 0.163             | 0.250               | - 400    |
| NR n78<br>NR n78             | 1                  | FIZ DEON               | 135        | 69      | Bottom Edge<br>Bottom Edge     | 10<br>10 | 650000<br>650000 | 3750<br>3750       | 4   | 24.50<br>24.50                  | 22.78<br>22.64         | 148.59%<br>153.46% | 0.463<br>0.446    | 0.688<br>0.684      | 199      |
| NR n78                       | ł                  |                        | 135        | 1       | Right Edge                     | 10       | 650000           | 3750               | 4   | 24.50                           | 22.64                  | 153.46%            | 0.446             | 0.684               | -        |
| NR n78                       | 1                  |                        | 135        | 69      | Right Edge                     | 10       | 650000           | 3750               | 4   | 24.50                           | 22.64                  | 153.46%            | 0.149             | 0.229               | -        |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |
|                              |                    |                        |            |         |                                |          |                  |                    |     |                                 |                        |                    |                   |                     |          |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 519 of 939

Hotspot Ant3

| Mode  | Bandwidth           | Modulation                                       | RB   | RB   | Position  | Distance   | Channel  | Freq.   | DSI   | Max. Rated Avg.<br>Power + Max.  | Measured<br>Avg. Power   | Scaling   | Averaged S<br>(W   | SAR over 1g<br>/kg)  | ID    |
|---|---------------------|--|--|--|---|--|--|---|---|--|--|---|--|--|-------|
|   | (MHz)               | oudidi.oli                                       | Size   | start  |   | (mm)   |  | (MHz)   |   | Tolerance (dBm)  | (dBm)  |   | Measured   | Reported   |       |
| LTE Band 5  |                     |  | 1  | 0  | Front Surface   | 10   | 20600  | 844   | 4   | 24.50  | 23.53  | 125.03%   | 0.251  | 0.314  | -     |
| LTE Band 5  |                     |  | 25   | 0  | Front Surface   | 10   | 20600  | 844   | 4   | 23.50  | 22.47  | 126.77%   | 0.198  | 0.251  | -     |
| LTE Band 5  |                     |  | 1  | 0  | Back Surface  | 10   | 20600  | 844   | 4   | 24.50  | 23.53  | 125.03%   | 0.142  | 0.178  | -     |
| LTE Band 5  | 10MHz               | QPSK   | 25   | 0  | Back Surface  | 10   | 20600  | 844<br>844  | 4   | 23.50<br>24.50   | 22.47  | 126.77%<br>125.03%  | 0.117<br>0.226   | 0.148  | -     |
|   |                     |  | 1  | 0  | Top Edge  |  |  |   | 4   |  |  |   |  |  | -     |
| LTE Band 5<br>LTE Band 5  |                     |  | 25<br>1  | 0  | Top Edge<br>Right Edge  | 10<br>10   | 20600<br>20600   | 844<br>844  | 4   | 23.50<br>24.50   | 22.47<br>23.53   | 126.77%<br>125.03%  | 0.178<br>0.302   | 0.226<br>0.378   | 200   |
| LTE Band 5  |                     |  | 25   | 0  | Right Edge  | 10   | 20600  | 844   | 4   | 24.50  | 23.53  | 125.03%   | 0.302  | 0.378  | 200   |
| LIE Band 5  |                     |  | 20   | U  | Right Eage  | 10   | 20000  | 844   | 4   | 23.50  | 22.41  | 120.77%   | 0.283  | 0.359  | -     |
| LTE Band 12   |                     |  | 1  | 0  | Front Surface   | 10   | 23060  | 704   | 4   | 24.50  | 23.12  | 137.40%   | 0.066  | 0.091  | -     |
| LTE Band 12   |                     |  | 25   | 12   | Front Surface   | 10   | 23060  | 704   | 4   | 23.50  | 22.06  | 139.32%   | 0.051  | 0.071  | -     |
| LTE Band 12   |                     |  | 1  | 0  | Back Surface  | 10   | 23060  | 704   | 4   | 24.50  | 23.12  | 137.40%   | 0.035  | 0.048  | -     |
| LTE Band 12   | 10MHz               | QPSK   | 25   | 25   | Back Surface  | 10   | 23060  | 704   | 4   | 23.50  | 22.06  | 139.32%   | 0.027  | 0.038  | -     |
| LTE Band 12   | TUMHZ               | QPSK   | 1  | 0  | Top Edge  | 10   | 23060  | 704   | 4   | 24.50  | 23.12  | 137.40%   | 0.068  | 0.093  | -     |
| LTE Band 12   |                     |  | 25   | 25   | Top Edge  | 10   | 23060  | 704   | 4   | 23.50  | 22.06  | 139.32%   | 0.055  | 0.077  | -     |
| LTE Band 12   |                     |  | 1  | 0  | Right Edge  | 10   | 23060  | 704   | 4   | 24.50  | 23.12  | 137.40%   | 0.083  | 0.114  | 201   |
| LTE Band 12   |                     |  | 25   | 25   | Right Edge  | 10   | 23060  | 704   | 4   | 23.50  | 22.06  | 139.32%   | 0.058  | 0.081  | -     |
|   |                     |  |  |  |   |  |  |   |   |  |  |   |  |  |       |
| LTE Band 17   |                     |  | 1  | 0  | Front Surface   | 10   | 23800  | 711   | 4   | 24.50  | 22.95  | 142.89%   | 0.065  | 0.093  | -     |
| LTE Band 17   |                     |  | 25   | 25   | Front Surface   | 10   | 23800  | 711   | 4   | 23.50  | 21.87  | 145.55%   | 0.052  | 0.076  | -     |
| LTE Band 17   |                     |  | 1  | 0  | Back Surface  | 10   | 23800  | 711   | 4   | 24.50  | 22.95  | 142.89%   | 0.032  | 0.046  | -     |
| LTE Band 17   | 10MHz               | QPSK   | 25   | 50   | Back Surface  | 10   | 23800  | 711   | 4   | 23.50  | 21.87  | 145.55%   | 0.025  | 0.036  | -     |
| LTE Band 17   |                     |  | 1  | 0  | Top Edge  | 10   | 23800  | 711   | 4   | 24.50  | 22.95  | 142.89%   | 0.063  | 0.090  | -     |
| LTE Band 17   |                     |  | 25   | 50   | Top Edge  | 10   | 23800  | 711   | 4   | 23.50  | 21.87  | 145.55%   | 0.049  | 0.071  |       |
| LTE Band 17   |                     |  | 1 05   | 0  | Right Edge  | 10   | 23800  | 711   | 4   | 24.50  | 22.95  | 142.89%   | 0.080  | 0.114  | 202   |
| LTE Band 17   |                     |  | 25   | 50   | Right Edge  | 10   | 23800  | 711   | 4   | 23.50  | 21.87  | 145.55%   | 0.065  | 0.095  | -     |
| LTE Band 26   |                     |  | 1  | 0  | Front Surface   | 10   | 26765  | 821.5   | 4   | 24.50  | 23.31  | 131.52%   | 0.198  | 0.260  |       |
| LTE Band 26   |                     |  | 36   | 18   | Front Surface   | 10   | 26865  | 831.5   | 4   | 23.50  | 22.20  | 134.90%   | 0.150  | 0.200  | -     |
| LTE Band 26   |                     |  | 1  | 0  | Back Surface  | 10   | 26765  | 821.5   | 4   | 24.50  | 23.31  | 131.52%   | 0.192  | 0.205  | -     |
| LTE Band 26   |                     |  | 36   | 25   | Back Surface  | 10   | 26865  | 831.5   | 4   | 23.50  | 22.20  | 134.90%   | 0.093  | 0.123  | -     |
| LTE Band 26   | 15MHz               | QPSK   | 1  | 0  | Top Edge  | 10   | 26765  | 821.5   | 4   | 24.50  | 23.31  | 131.52%   | 0.182  | 0.239  |       |
| LTE Band 26   |                     |  | 36   | 25   | Top Edge  | 10   | 26865  | 831.5   | 4   | 23.50  | 22.20  | 134.90%   | 0.141  | 0.190  |       |
| LTE Band 26   |                     |  | 1  | 0  | Right Edge  | 10   | 26765  | 821.5   | 4   | 24.50  | 23.31  | 131.52%   | 0.307  | 0.404  | 203   |
| LTE Band 26   |                     |  | 36   | 25   | Right Edge  | 10   | 26865  | 831.5   | 4   | 23.50  | 22.20  | 134.90%   | 0.208  | 0.281  | -     |
|   |                     |  |  |  |   |  |  |   |   |  |  |   |  |  |       |
| LTE Band 71   |                     |  | 1  | 0  | Front Surface   | 10   | 133222   | 673   | 4   | 24.50  | 23.78  | 118.03%   | 0.038  | 0.044  | -     |
| LTE Band 71   |                     |  | 50   | 25   | Front Surface   | 10   | 133222   | 673   | 4   | 23.50  | 22.73  | 119.40%   | 0.029  | 0.035  | -     |
| LTE Band 71   |                     |  | 1  | 0  | Back Surface  | 10   | 133222   | 673   | 4   | 24.50  | 23.78  | 118.03%   | 0.016  | 0.019  | -     |
| LTE Band 71   |                     |  | 50   | 25   | Back Surface  | 10   | 133222   | 673   | 4   | 23.50  | 22.73  | 119.40%   | 0.012  | 0.014  | -     |
| LTE Band 71   | 20MHz               | QPSK   | 1  | 0  | Top Edge  | 10   | 133222   | 673   | 4   | 24.50  | 23.78  | 118.03%   | 0.038  | 0.044  | -     |
| LTE Band 71   |                     |  | 50   | 25   | Top Edge  | 10   | 133222   | 673   | 4   | 23.50  | 22.73  | 119.40%   | 0.029  | 0.035  | -     |
| LTE Band 71   |                     |  | 1  | 0  | Right Edge  | 10   | 133222   | 673   | 4   | 24.50  | 23.78  | 118.03%   | 0.059  | 0.070  | 204   |
|   |                     |  |  |  |   |  | 133222   | 673   | 4   | 23.50  | 22.73  | 119.40%   |  |  |       |
| LTE Band 71   |                     |  | 50   | 25   | Right Edge  | 10   | 133222   | 0/3   |   |  | 22.70  | 110.4070  | 0.046  | 0.055  |       |
| LTE Band 71   | Bandwidth           |  | 50<br>RB   | 25<br>RB   | Right Edge  | 10<br>Distance                                       |  | Freq.   |   | Max. Rated Avg.  | Measured   |   | Averaged S   | 0.055<br>SAR over 1g   | -     |
|   | Bandwidth<br>(MHz)  | Modulation                                       |  |  |   |  | Channel  |   | DSI   | Power + Max.   | Measured<br>Avg. Power   | Scaling   | Averaged S   | 0.055<br>SAR over 1g<br>/kg)   | ID    |
| LTE Band 71   |                     | Modulation                                       | RB<br>Size   | RB<br>start  | Right Edge Position   | Distance<br>(mm)                                     | Channel  | Freq.<br>(MHz)  |   | Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)  | Scaling   | Averaged S<br>(W/  | 0.055<br>SAR over 1g<br>/kg)<br>Reported   | -     |
| LTE Band 71  Mode  NR n5  |                     | Modulation                                       | RB<br>Size   | RB<br>start  | Right Edge  Position  Front Surface   | Distance<br>(mm)                                     | Channel<br>167800  | Freq.<br>(MHz)<br>839   | 4   | Power + Max.<br>Tolerance (dBm)<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45   | Scaling<br>127.35%  | Averaged S<br>(W.<br>Measured<br>0.286   | 0.055<br>SAR over 1g<br>/kg)<br>Reported<br>0.364  | -     |
| LTE Band 71  Mode  NR n5  NR n5   |                     | Modulation                                       | RB<br>Size<br>1<br>50  | RB<br>start  | Right Edge  Position  Front Surface Front Surface   | Distance<br>(mm)<br>10                               | Channel<br>167800<br>167800  | Freq.<br>(MHz)<br>839<br>839  |   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50  | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27  | Scaling<br>127.35%<br>132.74%   | Averaged S<br>(W.<br>Measured<br>0.286<br>0.269  | 0.055<br>SAR over 1g<br>/kg)<br>Reported<br>0.364<br>0.357   | -     |
| LTE Band 71  Mode  NR n5  | (MHz)               |  | RB<br>Size   | RB<br>start  | Right Edge  Position  Front Surface   | Distance<br>(mm)                                     | Channel<br>167800  | Freq.<br>(MHz)<br>839   | 4 4   | Power + Max.<br>Tolerance (dBm)<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45   | Scaling<br>127.35%  | Averaged S<br>(W.<br>Measured<br>0.286   | 0.055<br>SAR over 1g<br>/kg)<br>Reported<br>0.364  | -     |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  |                     | Modulation  SCS 15kHz Pi/2 BPSK                  | RB<br>Size<br>1<br>50  | RB start  1 28   | Position  Front Surface Front Surface Back Surface Back Surface   | Distance (mm)  10  10  10                            | Channel<br>167800<br>167800<br>167800  | Freq.<br>(MHz)<br>839<br>839<br>839   | 4<br>4<br>4   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45   | Scaling<br>127.35%<br>132.74%<br>127.35%  | Averaged S<br>(W.<br>Measured<br>0.286<br>0.269<br>0.182   | 0.055 6AR over 1g /kg) Reported 0.364 0.357 0.232  | ID -  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5   | (MHz)               | SCS 15kHz  | RB<br>Size<br>1<br>50<br>1<br>50   | RB start  1 28 1 28  | Position  Front Surface Front Surface Back Surface  | Distance (mm)  10  10  10  10                        | Channel<br>167800<br>167800<br>167800<br>167800  | Freq.<br>(MHz)<br>839<br>839<br>839<br>839  | 4<br>4<br>4<br>4  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50  | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27  | Scaling<br>127.35%<br>132.74%<br>127.35%<br>132.74%   | Averaged S<br>(W/<br>Measured<br>0.286<br>0.269<br>0.182<br>0.165  | 0.055<br>SAR over 1g<br>/kg)<br>Reported<br>0.364<br>0.357<br>0.232<br>0.219   | ID -  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5   | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1   | RB start  1 28 1 28 1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge  | Distance (mm)  10  10  10  10  10  10                | Channel  167800 167800 167800 167800 167800  | Freq.<br>(MHz)<br>839<br>839<br>839<br>839<br>839   | 4<br>4<br>4<br>4<br>4   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45   | Scaling<br>127.35%<br>132.74%<br>127.35%<br>132.74%<br>127.35%  | Averaged S<br>(W.<br>Measured<br>0.286<br>0.269<br>0.182<br>0.165<br>0.223   | 0.055<br>SAR over 1g<br>/kg)<br>Reported<br>0.364<br>0.357<br>0.232<br>0.219<br>0.284  | ID -  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1 50 1 50   | RB start  1 28 1 28 1 28 2 1   | Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Top Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel  167800 167800 167800 167800 167800 167800 167800  | Freq. (MHz)  839  839  839  839  839  839  839  | 4<br>4<br>4<br>4<br>4<br>4  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27  | Scaling<br>127.35%<br>132.74%<br>127.35%<br>132.74%<br>127.35%<br>132.74%   | Averaged S<br>(W.<br>Measured<br>0.286<br>0.269<br>0.182<br>0.165<br>0.223<br>0.201  | 0.055  SAR over 1g (kg)  Reported  0.364  0.357  0.232  0.219  0.284  0.267  | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1 50 1 1 50 1 1   | RB start  1 28 1 28 1 28 1 28 1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel  167800 167800 167800 167800 167800 167800 167800 167800   | Freq. (MHz)  839  839  839  839  839  839  839  83  | 4<br>4<br>4<br>4<br>4<br>4<br>4   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27  | Scaling  127.35%  132.74%  127.35%  132.74%  127.35%  132.74%  127.35%  | Averaged S<br>(W/<br>Measured<br>0.286<br>0.269<br>0.182<br>0.165<br>0.223<br>0.201  | 0.055 SAR over 1g (kg) Reported 0.364 0.357 0.232 0.219 0.284 0.267  | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1 50 1 1 50 1 1   | RB start  1 28 1 28 1 28 1 28 1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel  167800 167800 167800 167800 167800 167800 167800 167800   | Freq. (MHz)  839  839  839  839  839  839  839  83  | 4<br>4<br>4<br>4<br>4<br>4<br>4   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27  | Scaling  127.35%  132.74%  127.35%  132.74%  127.35%  132.74%  127.35%  | Averaged S<br>(W/<br>Measured<br>0.286<br>0.269<br>0.182<br>0.165<br>0.223<br>0.201  | 0.055 SAR over 1g (kg) Reported 0.364 0.357 0.232 0.219 0.284 0.267  | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1 50 1 50 50 50 50  | RB start  1 28 1 28 1 28 1 28 28 28  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge   | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 141300   | Freq. (MHz) 839 839 839 839 839 839 839 839 839   | 4 4 4 4 4 4 4   | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45   | Scaling  127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 133.68% 143.22%  | Averaged S<br>(W) Measured 0.286 0.269 0.182 0.165 0.223 0.201 0.348 0.319   | 0.055 SAR over 1g (kg) Reported 0.364 0.357 0.232 0.219 0.284 0.267 0.443 0.423  | - IID |
| LTE Band 71  Mode  NR n5   | (MHz)               | SCS 15kHz  | RB Size  1 50 1 50 1 50 1 50 1 50 1 50 1 50 1 5  | RB start  1 28 1 28 1 28 1 28 1 28 1 28 1 28 1 2   | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge Front Surface Front Surface Back Surface  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel  167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300  | Freq. (MHz) 839 839 839 839 839 839 839 839 839 8706.5                                      | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | Power + Max.<br>Tolerance (dBm)<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.08<br>22.94<br>23.08   | Scaling  127.35%  132.74%  127.35%  132.74%  127.35%  132.74%  127.35%  132.74%  138.68%  143.22%  138.68%  | Averaged S (W. Measured 0.286 0.289 0.182 0.165 0.223 0.201 0.348 0.319 0.072 0.029  | 0.055 SAR over 1g (kg) Reported 0.364 0.357 0.232 0.219 0.284 0.267 0.443 0.423 0.108 0.103 0.040  | - ID  |
| LTE Band 71  Mode  NR n5   | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size 1 50 1 50 1 50 1 50 1 36   | RB start  1 28 1 28 1 28 1 28 1 28 1 28 1 28   | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge Front Surface Front Surface Back Surface Back Surface Back Surface  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300  | Freq. (MHz) 839 839 839 839 839 839 839 839 839 706.5 706.5 706.5                           | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | Power + Max. Toterance (dbm) 24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.08<br>22.94<br>23.08<br>22.94  | Scaling  127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 138.68% 143.22%  | Averaged S (W. Measured 0.286 0.286 0.269 0.182 0.165 0.223 0.201 0.348 0.319 0.078 0.072 0.029  | 0.055 SAR over 1g (kg) Reported 0.364 0.367 0.232 0.219 0.284 0.267 0.443 0.423 0.108 0.108 0.103 0.040 0.039  | - ID  |
| Mode  NR n5 NR n7   | (MHz)               | SCS 15kHz<br>Pi/2 BPSK                           | RB Size 1 50 1 50 1 50 1 50 1 50 1 50 1 36 1 36 1 1  | RB start  1 28 1 28 1 28 1 28 1 22 1 22 1 1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Front Surface Back Surface Top Edge Back Surface Back Surface Back Surface  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300 141300   | Freq. (MHz) 839 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5                     | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                     | Power + Max. Tolerance (dBm) 24.50   | Measured<br>Avg. Power<br>(dBm)<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.45<br>23.27<br>23.46<br>23.27<br>23.08<br>22.94<br>23.08<br>22.94<br>23.08   | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 133.68% 143.22% 138.68% 143.22% 138.68%   | Averaged S (W) Measured 10,286 0,269 0,182 0,165 0,223 0,201 0,348 0,319 0,078 0,072 0,029 0,027   | 0.055 Reported 0.364 0.364 0.357 0.232 0.219 0.284 0.267 0.443 0.403 0.108 0.103 0.040 0.039 0.080   | - ID  |
| LTE Band 71  Mode  NR n5  | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size  1   | RB start  1 28 1 28 1 1 28 1 28 1 1 22 1 1 22 1 1 22 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Back Surface Top Edge Front Surface Back Surface Back Surface Top Edge Top Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 147800 1447300 1447300 1447300 1447300 1447300                         | Freq. (MHz) 839 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5                     | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50   | Measured Avg. Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.08 22.94 23.08 22.94 23.08 22.94  | Scaling 127.35% 132.74% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.88% 143.22% 138.68% 143.22%   | Averaged S (W) Measured 0.286 0.269 0.182 0.165 0.223 0.201 0.348 0.319 0.078 0.072 0.029 0.027 0.058 0.056 0.056  | 0.055 ARR over 1g Reported 0.364 0.367 0.232 0.219 0.287 0.443 0.267 0.403 0.108 0.108 0.000 0.077   | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n12  | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size 1 50 1 50 1 50 1 50 1 1 50 1 1 36 1 1 36 1 1 36 1 1 1 36 1 1 1 36 1 1 1 1                            | RB start  1 28 1 28 1 28 1 28 1 22 1 1 22 1 1 22 1 1   | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge Front Surface Front Surface Back Surface Back Surface Top Edge Right Edge Front Surface Front Surface Back Surface Back Surface Right Edge Right Edge Right Edge Right Edge Right Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 141300 141300 141300 141300 141300 141300  | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5             | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50   | Measured Avg. Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08  | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.74% 133.68% 143.22% 138.68% 143.22% 138.68% 143.28%   | Averaged & (W. Measured 0.286 0.286 0.289 0.162 0.162 0.165 0.223 0.349 0.319 0.072 0.029 0.027 0.058 0.054 0.054 0.054  | 0.055 SAR over 1g Key) Reported 0.357 0.357 0.322 0.219 0.284 0.267 0.423 0.423 0.108 0.103 0.009 0.009  | - ID  |
| LTE Band 71  Mode  NR n5  | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size  1   | RB start  1 28 1 28 1 1 28 1 28 1 1 22 1 1 22 1 1 22 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Back Surface Top Edge Front Surface Back Surface Back Surface Top Edge Top Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 147800 1447300 1447300 1447300 1447300 1447300                         | Freq. (MHz) 839 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5                     | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50   | Measured Avg. Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.08 22.94 23.08 22.94 23.08 22.94  | Scaling 127.35% 132.74% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.88% 143.22% 138.68% 143.22%   | Averaged S (W) Measured 0.286 0.269 0.182 0.165 0.223 0.201 0.348 0.319 0.078 0.072 0.029 0.027 0.058 0.056 0.056  | 0.055 ARR over 1g Reported 0.364 0.367 0.232 0.219 0.287 0.443 0.267 0.403 0.108 0.108 0.000 0.077   | - ID  |
| LTE Band 71  Mode  NR n5  NR n12   | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size 1 50 1 50 1 50 1 50 1 50 1 50 1 50 1 5   | RB start  1 28 1 28 1 28 1 28 1 22 1 22 1 22 2 2 2   | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge Front Surface Back Surface Front Surface Back Surface Top Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge  | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 147800 1441300 1441300 1441300 1441300 1441300                         | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5             | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50   | Measured Avg. Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.06 22.94 23.08 22.94 23.08 22.94  | Scaling 127.35% 132.74% 127.35% 132.74% 132.74% 132.74% 132.74% 132.74% 132.74% 134.88% 138.88% 143.22% 138.88% 143.22%   | Averaged (W. W. Measured (W. W. Measured (2.286) 0.289 0.182 0.182 0.223 0.221 0.231 0.348 0.319 0.072 0.072 0.058 0.027 0.028 0.029 0.029 0.029 0.029 0.029 0.088 | 0.055 SAR Over 1 Reported 0.3567 0.357 0.357 0.232 0.219 0.284 0.267 0.443 0.423 0.108 0.103 0.040 0.039 0.0800 0.077 0.127                                  | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n12  | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size 1 1 50 1 1 50 1 1 1 36 1 1 36 1 1 36 1 1 36 1 1 1 36 1 1 1 36 1 1 1 1                                | RB start  1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Front Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Right Edge Top Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge Right Edge   | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 1441300 1441300 1441300 1441300 1441300 1441300 1441300                | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5             | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50                         | Measured Aug. Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.29 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94  | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 138.68% 143.22% 138.68% 143.22% 138.68% 143.22%   | Averaged 6 (W. Measured 2286 (W. Measured 2286 2286 2286 2287 2287 2287 2287 2287  | 0.055 AR Over 1g Reported 0.354 0.357 0.352 0.232 0.219 0.284 0.423 0.423 0.108 0.108 0.108 0.040 0.099 0.080 0.077 0.126                                    | - ID  |
| Mode  NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n12   | (MHz)               | SCS 15kHz<br>PI/2 BPSK                           | RB Size 1 1 50 1 1 50 1 1 36 1 1 36 1 1 80   | RB start  1 28 1 28 1 28 1 28 1 28 1 28 1 28 1 2   | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Right Edge Right Edge Right Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Right Edge Right Edge Front Surface Front Surface Front Surface   | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300 141300 141300 141300 141300 141300 141300                       | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 678         | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50       | Measured Avg, Power (dSm) 23.45 (dSm) 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.46 23.27 23.06 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 23.08 22.94 23.08 23.08 23.53  | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 138.68% 143.22% 138.68% 143.22% 138.68% 143.22% 128.68% 143.22% 128.68% 143.22% 128.68% 143.22% | Averaged & (W. Measured  | 0.055 SAR Over 1g Reported 0.356 0.356 0.357 0.232 0.219 0.284 0.423 0.423 0.423 0.108 0.109 0.109 0.000 0.077 0.127 0.126 0.046                             | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n12  NR n13  | (MHz)               | SCS 15kHz<br>Pi/Z BPSK<br>SCS 15kHz<br>Pi/Z BPSK | RB Size 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 36 1 1 1 36 1 1 1 36 1 1 1 36 1 1 1 1 | RB start  1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Top Edge Right Edge Right Edge Front Surface Back Surface Front Surface Back Surface Top Edge Right Edge Right Edge Right Edge Right Edge Front Surface Front Surface Front Surface Right Edge Right Edge Right Edge Right Edge Front Surface Front Surface Back Surface Front Surface Back Surface     | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 144300 144300 144300 144300 144300 144300 144300 144300                | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 706.5       | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50                               | Measured Aug. Prover (dSm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.68 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.68 23.53 23.68 23.53 23.68   | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.74% 138.68% 143.22% 138.68% 143.22% 138.68% 143.22%   | Averaged (W. Measured (W. Measured 2286 0.289 0.182 0.165 0.279 0.271 0.291 0.072 0.072 0.072 0.072 0.088 0.088 0.038 0.038 0.038 0.038 0.038 0.038 0.019          | 0.055 SAR Over 1g Reported 0.3567 0.3567 0.3232 0.219 0.2284 0.357 0.423 0.423 0.423 0.108 0.103 0.0040 0.039 0.0800 0.077 0.127 0.126                       | - ID  |
| LTE Band 71  Mode  NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n5 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n12 NR n17 NR n17 NR n71 NR n71 NR n71 NR n71   | (MHz)               | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK | RB Size 1 1 50 1 1 50 1 1 36 1 1 36 1 1 80   | RB start  1 28 1 28 1 28 1 28 1 28 1 28 1 28 1 2   | Right Edge  Position  Front Surface Front Surface Front Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Back Surface Back Surface Right Edge Front Surface Back Surface Back Surface Right Edge Right Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 1441300 1441300 1441300 1441300 1441300 1441300 1441300 1441300 | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 706.5 706.5 | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50                               | Measured Avg, Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.25 23.27 23.55 23.68 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 23.53 23.68 23.53 23.68 23.53 23.53 23.53 23.53 23.53 23.53 23.55 23.5 | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.74% 132.74% 132.74% 132.27% 138.68% 143.22% 138.68% 143.22% 120.78% 120.78%                 | Averaged 6 (W. Measured 2286 (W. Measured 2286 2286 2286 2287 2283 2281 2281 2281 2281 2281 2281 2281  | 0.055 SAR Over 1g Reported 0.384 0.357 0.364 0.357 0.232 0.219 0.284 0.267 0.443 0.423 0.108 0.108 0.009 0.077 0.126 0.026 0.046 0.039 0.046 0.023 0.044     | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n12  NR n17  NR n17  NR n71  NR n71  NR n71  NR n71  | (MHz)  20MHz  15MHz | SCS 15kHz<br>Pi/Z BPSK<br>SCS 15kHz<br>Pi/Z BPSK | RB Size 1 1 50 1 50 1 1 50 1 1 50 1 1 36 1 1 36 1 1 80 1 1 80 1 1  | RB start  1  | Right Edge  Position  Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 141300 141300 141300 141300 141300 141300 141300 141300 141300 141300                | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 678 678     | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50 | Measured Avg. Power (dSm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.46 23.27 23.46 23.27 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 23.53 23.68 23.53 23.68 23.53 23.68 23.53 23.68  | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 138.68% 143.22% 138.68% 143.22% 120.78% 120.78%   | Averaged (W. W. Measured (W. W. Measured (P. W. W. Measured (P. W. M. Measured (P. W. M. M. M. M. M. M. M. M. M. M. M. M. M.                                       | 0.055 SAR Over 1g Reported 0.3567 0.3567 0.3262 0.3567 0.327 0.229 0.284 0.423 0.423 0.108 0.103 0.009 0.077 0.127 0.127 0.046 0.004 0.004 0.004 0.004 0.004 | - ID  |
| LTE Band 71  Mode  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n5  NR n12  NR n11 | (MHz)  20MHz  15MHz | SCS 15kHz<br>PI/2 BPSK<br>SCS 15kHz<br>PI/2 BPSK | RB Size 1 1 50 1 1 50 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 50 1 1 1 36 1 1 1 36 1 1 1 36 1 1 1 36 1 1 1 1 | RB start  1  | Right Edge  Position  Front Surface Front Surface Front Surface Back Surface Back Surface Top Edge Right Edge Right Edge Front Surface Back Surface Back Surface Back Surface Right Edge Front Surface Back Surface Back Surface Right Edge Right Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | Distance (mm)  10  10  10  10  10  10  10  10  10  1 | Channel 167800 167800 167800 167800 167800 167800 167800 167800 167800 167800 147800 147800 147800 1441300 1441300 1441300 1441300 1441300 1441300 1441300 1441300 | Freq. (MHz) 839 839 839 839 839 839 839 839 706.5 706.5 706.5 706.5 706.5 706.5 706.5 706.5 | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | Power + Max. Tolerance (dBm) 24.50                               | Measured Avg, Power (dBm) 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.45 23.27 23.25 23.27 23.55 23.68 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 22.94 23.08 23.53 23.68 23.53 23.68 23.53 23.53 23.53 23.53 23.53 23.53 23.55 23.5 | Scaling 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 127.35% 132.74% 132.74% 132.74% 132.74% 132.74% 132.27% 138.68% 143.22% 138.68% 143.22% 120.78% 120.78%                 | Averaged 6 (W. Measured 2286 (W. Measured 2286 2286 2286 2287 2283 2281 2281 2281 2281 2281 2281 2281  | 0.055 SAR Over 1g Reported 0.384 0.357 0.364 0.357 0.232 0.219 0.284 0.267 0.443 0.423 0.108 0.108 0.009 0.077 0.126 0.026 0.046 0.039 0.046 0.023 0.044     | - ID  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除此只有的时,此就是处理度积制的之外,因此此类只是现象的企业,因此此类只是现象的企业,不可如此推测。

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Page: 520 of 939

# Hotspot Ant4

|                   | Mode Ant4              | Bandwidth<br>(MHz) | Modulation | RB<br>Size   | RB<br>start | Position                      | Distance<br>(mm) | Channel        | Freq.<br>(MHz)   | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | (W             |                | ID            |
|-------------------|------------------------|--------------------|------------|--------------|-------------|-------------------------------|------------------|----------------|------------------|-----|---------------------------------|------------------------|--------------------|----------------|----------------|---------------|
|                   |                        | (WII IL)           |            |              |             |                               |                  |                |                  |     | Tolerance (dBm)                 | (dBm)                  |                    | Measured       | Reported       |               |
|                   | TE Band 2              |                    |            | 1 50         | 0<br>25     | Front Surface                 | 10               | 19100          | 1900             | 4   | 24.50                           | 22.88                  | 145.21%            | 0.151          | 0.219          | -             |
|                   | TE Band 2<br>TE Band 2 |                    |            | 50           | 0           | Front Surface<br>Back Surface | 10               | 19100<br>19100 | 1860<br>1900     | 4   | 23.50<br>24.50                  | 21.76<br>22.88         | 149.28%<br>145.21% | 0.132<br>0.116 | 0.197<br>0.168 |               |
|                   | TE Band 2              |                    |            | 50           | 25          | Back Surface                  | 10               | 19100          | 1860             | 4   | 23.50                           | 21.76                  | 149.28%            | 0.090          | 0.134          |               |
|                   | TE Band 2              | 20MHz              | QPSK       | 1            | 0           | Top Edge                      | 10               | 19100          | 1900             | 4   | 24.50                           | 22.88                  | 145.21%            | 0.173          | 0.251          | -             |
|                   | TE Band 2              |                    |            | 50           | 25          | Top Edge                      | 10               | 19100          | 1860             | 4   | 23.50                           | 21.76                  | 149.28%            | 0.148          | 0.221          | -             |
| LT                | TE Band 2              |                    |            | 1            | 0           | Left Edge                     | 10               | 19100          | 1900             | 4   | 24.50                           | 22.88                  | 145.21%            | 0.218          | 0.317          | 208           |
| LT                | TE Band 2              |                    |            | 50           | 25          | Left Edge                     | 10               | 19100          | 1860             | 4   | 23.50                           | 21.76                  | 149.28%            | 0.199          | 0.297          | -             |
|                   |                        |                    |            |              |             |                               |                  |                |                  |     |                                 |                        |                    |                |                |               |
|                   | TE Band 4              |                    |            | 1            | 0           | Front Surface                 | 10               | 20175          | 1732.5           | 4   | 24.50                           | 23.53                  | 125.03%            | 0.133          | 0.166          | -             |
|                   | TE Band 4              |                    |            | 50           | 0           | Front Surface                 | 10               | 20175          | 1732.5           | 4   | 23.50                           | 22.41                  | 128.53%            | 0.101          | 0.130          | -             |
|                   | TE Band 4              |                    |            | 1            | 0           | Back Surface                  | 10               | 20175          | 1732.5           | 4   | 24.50                           | 23.53                  | 125.03%            | 0.101          | 0.126          | -             |
|                   | TE Band 4              | 20MHz              | QPSK       | 50           | 0           | Back Surface                  | 10               | 20175          | 1732.5           | 4   | 23.50                           | 22.41                  | 128.53%            | 0.085          | 0.109          | -             |
|                   | TE Band 4<br>TE Band 4 |                    |            | 50           | 0           | Top Edge<br>Top Edge          | 10               | 20175<br>20175 | 1732.5<br>1732.5 | 4   | 24.50<br>23.50                  | 23.53<br>22.41         | 125.03%<br>128.53% | 0.162<br>0.121 | 0.203<br>0.156 | -             |
|                   | TE Band 4              |                    |            | 1            | 0           | Left Edge                     | 10               | 20175          | 1732.5           | 4   | 24.50                           | 23.53                  | 125.03%            | 0.121          | 0.130          | 209           |
|                   | TE Band 4              |                    |            | 50           | 0           | Left Edge                     | 10               | 20175          | 1732.5           | 4   | 23.50                           | 22.41                  | 128.53%            | 0.148          | 0.190          | -             |
|                   |                        |                    |            |              |             |                               |                  |                |                  |     |                                 |                        |                    |                |                |               |
| L1                | TE Band 7              |                    |            | 1            | 0           | Front Surface                 | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.127          | 0.152          | -             |
|                   | TE Band 7              |                    |            | 50           | 50          | Front Surface                 | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.093          | 0.114          | -             |
| LT                | TE Band 7              |                    |            | 1            | 0           | Back Surface                  | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.102          | 0.122          | -             |
|                   | TE Band 7              | 20MHz              | QPSK       | 50           | 50          | Back Surface                  | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.081          | 0.099          | - 1           |
|                   | TE Band 7              | ZUMHZ              | uran.      | 1            | 0           | Top Edge                      | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.103          | 0.123          | -             |
|                   | TE Band 7              |                    |            | 50           | 50          | Top Edge                      | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.075          | 0.092          | -             |
|                   | TE Band 7              |                    |            | 1            | 0           | Left Edge                     | 10               | 20850          | 2510             | 4   | 24.50                           | 23.73                  | 119.40%            | 0.469          | 0.560          | 210           |
| LI                | TE Band 7              |                    |            | 50           | 50          | Left Edge                     | 10               | 20850          | 2510             | 4   | 23.50                           | 22.63                  | 122.18%            | 0.365          | 0.446          | -             |
| <del></del>       | T D 105                |                    |            |              |             | F                             |                  | 00777          | 4000             |     | 04 ==                           | 00.00                  | 440 ****           | 0.000          | 0.010          |               |
|                   | E Band 25              |                    |            | 1            | 0           | Front Surface                 | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 140.60%            | 0.156          | 0.219          | -             |
|                   | E Band 25<br>E Band 25 |                    |            | 50           | 25<br>0     | Front Surface<br>Back Surface | 10<br>10         | 26590<br>26590 | 1905<br>1905     | 4   | 23.50<br>24.50                  | 21.91                  | 144.21%<br>140.60% | 0.134<br>0.106 | 0.193<br>0.149 | +             |
|                   | E Band 25<br>E Band 25 |                    |            | 50           | 25          | Back Surface                  | 10               | 26590          | 1905             | 4   | 24.50                           | 21.91                  | 144.21%            | 0.106          | 0.149          | -             |
|                   | E Band 25              | 20MHz              | QPSK       | 1            | 0           | Top Edge                      | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 140.60%            | 0.181          | 0.124          |               |
|                   | E Band 25              |                    |            | 50           | 25          | Top Edge                      | 10               | 26590          | 1905             | 4   | 23.50                           | 21.91                  | 144.21%            | 0.149          | 0.215          | -             |
|                   | E Band 25              |                    |            | 1            | 0           | Left Edge                     | 10               | 26590          | 1905             | 4   | 24.50                           | 23.02                  | 140.60%            | 0.233          | 0.328          | 211           |
|                   | E Band 25              |                    |            | 50           | 25          | Left Edge                     | 10               | 26590          | 1905             | 4   | 23.50                           | 21.91                  | 144.21%            | 0.215          | 0.310          | -             |
|                   |                        |                    |            |              |             |                               |                  |                |                  |     |                                 |                        |                    |                |                |               |
|                   | E Band 30              |                    |            | 1            | 0           | Front Surface                 | 10               | 27710          | 2310             | 4   | 24.50                           | 23.43                  | 127.94%            | 0.177          | 0.226          | -             |
|                   | E Band 30              |                    |            | 25           | 12          | Front Surface                 | 10               | 27710          | 2310             | 4   | 23.50                           | 22.28                  | 132.43%            | 0.136          | 0.180          |               |
|                   | E Band 30              |                    |            | 1            | 0           | Back Surface                  | 10               | 27710          | 2310             | 4   | 24.50                           | 23.43                  | 127.94%            | 0.116          | 0.148          | -             |
|                   | E Band 30              | 10MHz              | QPSK       | 25           | 25          | Back Surface                  | 10               | 27710          | 2310             | 4   | 23.50                           | 22.28                  | 132.43%            | 0.092          | 0.122          | -             |
|                   | E Band 30              |                    |            | 1            | 0           | Top Edge                      | 10               | 27710          | 2310             | 4   | 24.50                           | 23.43                  | 127.94%            | 0.155          | 0.198          | -             |
|                   | E Band 30              |                    |            | 25           | 25          | Top Edge                      | 10               | 27710          | 2310             | 4   | 23.50                           | 22.28                  | 132.43%            | 0.121          | 0.160          | 240           |
|                   | E Band 30<br>E Band 30 |                    |            | 1<br>25      | 0           | Left Edge                     | 10<br>10         | 27710<br>27710 | 2310<br>2310     | 4   | 24.50<br>23.50                  | 23.43<br>22.28         | 127.94%<br>132.43% | 0.338<br>0.259 | 0.432          | 212           |
|                   | L Dallu 30             |                    |            | Z3           | 25          | Left Edge                     | 10               | 21/10          | 2010             | 4   | 23.50                           | 22.28                  | 132.43%            | 0.259          | 0.343          | <del>  </del> |
| I.T.              | E Band 66              |                    |            | 1            | 0           | Front Surface                 | 10               | 132072         | 1720             | 4   | 24.50                           | 23.14                  | 136.77%            | 0.132          | 0.181          | +             |
|                   | E Band 66              |                    |            | 50           | 0           | Front Surface                 | 10               | 132072         | 1720             | 4   | 23.50                           | 22.03                  | 140.28%            | 0.132          | 0.152          |               |
|                   | E Band 66              |                    |            | 1            | 0           | Back Surface                  | 10               | 132072         | 1720             | 4   | 24.50                           | 23.14                  | 136.77%            | 0.092          | 0.126          | -             |
|                   | E Band 66              |                    |            | 50           | 0           | Back Surface                  | 10               | 132072         | 1720             | 4   | 23.50                           | 22.03                  | 140.28%            | 0.075          | 0.105          | -             |
|                   | E Band 66              | 20MHz              | QPSK       | 1            | 0           | Top Edge                      | 10               | 132072         | 1720             | 4   | 24.50                           | 23.14                  | 136.77%            | 0.158          | 0.216          | -             |
| LT                | E Band 66              |                    |            | 50           | 0           | Top Edge                      | 10               | 132072         | 1720             | 4   | 23.50                           | 22.03                  | 140.28%            | 0.126          | 0.177          | -             |
|                   | E Band 66              |                    |            | 1            | 0           | Left Edge                     | 10               | 132072         | 1720             | 4   | 24.50                           | 23.14                  | 136.77%            | 0.189          | 0.259          | 213           |
| LT                | E Band 66              |                    |            | 50           | 0           | Left Edge                     | 10               | 132072         | 1720             | 4   | 23.50                           | 22.03                  | 140.28%            | 0.150          | 0.210          | -             |
|                   |                        |                    |            |              |             |                               | ļ                |                |                  |     |                                 |                        |                    |                |                |               |
|                   | E Band 38              |                    |            | 1            | 0           | Front Surface                 | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.124          | 0.152          | -             |
|                   | E Band 38              |                    |            | 50           | 0           | Front Surface                 | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.098          | 0.124          | -             |
|                   | E Band 38<br>E Band 38 |                    |            | 50           | 0           | Back Surface<br>Back Surface  | 10               | 38150<br>38150 | 2610<br>2610     | 4   | 24.50<br>23.50                  | 23.62<br>22.48         | 122.46%<br>126.47% | 0.107          | 0.131<br>0.110 | -             |
|                   | E Band 38<br>E Band 38 | 20MHz              | QPSK       | 1            | 0           | Top Edge                      | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.087          | 0.110          | -             |
|                   | E Band 38              |                    |            | 50           | 0           | Top Edge                      | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.059          | 0.072          |               |
|                   | E Band 38              |                    |            | 1            | 0           | Left Edge                     | 10               | 38150          | 2610             | 4   | 24.50                           | 23.62                  | 122.46%            | 0.376          | 0.460          | 214           |
|                   | E Band 38              |                    |            | 50           | 0           | Left Edge                     | 10               | 38150          | 2610             | 4   | 23.50                           | 22.48                  | 126.47%            | 0.300          | 0.379          |               |
|                   |                        |                    |            |              |             | , , ,                         |                  |                |                  |     |                                 |                        |                    |                |                |               |
| LT                | E Band 41              |                    |            | 1            | 0           | Front Surface                 | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.113          | 0.139          | -             |
| LT                | E Band 41              |                    |            | 50           | 25          | Front Surface                 | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.097          | 0.122          | -             |
|                   | E Band 41              |                    |            | 1            | 0           | Back Surface                  | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.108          | 0.133          | -             |
|                   | E Band 41              | 20MHz              | QPSK       | 50           | 25          | Back Surface                  | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.081          | 0.102          | -             |
|                   | E Band 41              | ZUMITZ             | WI ON      | 1            | 0           | Top Edge                      | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.061          | 0.075          |               |
|                   | E Band 41              |                    |            | 50           | 25          | Top Edge                      | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.053          | 0.067          | <u> </u>      |
|                   | E Band 41              |                    |            | 1            | 0           | Left Edge                     | 10               | 41055          | 2636.5           | 4   | 24.50                           | 23.59                  | 123.31%            | 0.363          | 0.448          | 215           |
| LT                | E Band 41              |                    |            | 50           | 25          | Left Edge                     | 10               | 41055          | 2636.5           | 4   | 23.50                           | 22.51                  | 125.60%            | 0.262          | 0.329          | -             |
| <del></del>       | T D 1 40               |                    |            |              |             | F                             | 40               | 40500          | 2500             |     | 04.50                           | 00.40                  | 400 470/           | 0.005          | 0.400          |               |
|                   | E Band 42              |                    |            | 1            | 0           | Front Surface                 | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.095          | 0.120          | -             |
|                   | E Band 42<br>E Band 42 |                    |            | 50           | 25<br>0     | Front Surface<br>Back Surface | 10               | 42590<br>42590 | 3500<br>3500     | 4   | 23.50<br>24.50                  | 22.42                  | 128.23%<br>126.47% | 0.075<br>0.086 | 0.096          | -             |
|                   |                        |                    | l          |              | 25          | Back Surface                  | 10               | 42590<br>42590 | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.086          | 0.109          | -             |
| LTI               | E Band 42              |                    |            |              |             |                               |                  |                |                  |     |                                 |                        |                    |                |                |               |
| LTI               | E Band 42<br>E Band 42 | 20MHz              | QPSK       | 50           |             |                               |                  |                |                  |     |                                 |                        |                    |                |                |               |
| LTI<br>LTI        | E Band 42              | 20MHz              | QPSK       | 1            | 0           | Top Edge                      | 10               | 42590          | 3500             | 4   | 24.50                           | 23.48                  | 126.47%            | 0.122          | 0.154          | -             |
| LTI<br>LTI<br>LTI |                        | 20MHz              | QPSK       | 1<br>50<br>1 |             |                               |                  |                |                  |     |                                 |                        |                    |                |                | 216           |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 521 of 939

|   | Bandwidth |  | RB  | RB   |  | Distance  |   | Freq.  |   | Max. Rated Avg.   | Measured  |   |   | SAR over 1g   |   |
|---|-----------|--|---|--|--|---|---|--|---|---|---|---|---|---|---|
| Mode  | (MHz)     | Modulation                                       | Size  | start  | Position   | (mm)  | Channel   | (MHz)  | DSI   | Power + Max.<br>Tolerance (dBm)   | Avg. Power<br>(dBm)   | Scaling   | (W<br>Measured  | /kg)<br>Reported  | ID                                      |
| NR n2   |           |  | 1   | 1  | Front Surface  | 10  | 376000  | 1880   | 4   | 24.50   | 23.54   | 124.74%   | 0.133   | 0.166   | -                                       |
| NR n2   | ]         |  | 50  | 28   | Front Surface  | 10  | 376000  | 1880   | 4   | 24.50   | 23.44   | 127.64%   | 0.128   | 0.163   | -                                       |
| NR n2   | ļ         |  | 1   | 1  | Back Surface   | 10  | 376000  | 1880   | 4   | 24.50   | 23.54   | 124.74%   | 0.097   | 0.121   | -                                       |
| NR n2   | 20MHz     | SCS 15kHz<br>Pi/2 BPSK                           | 50  | 28   | Back Surface   | 10  | 376000  | 1880   | 4   | 24.50   | 23.44   | 127.64%   | 0.086   | 0.110   | -                                       |
| NR n2<br>NR n2  | +         | 1 1/2 DI OK                                      | 50  | 1 28   | Top Edge<br>Top Edge   | 10  | 376000<br>376000  | 1880<br>1880   | 4   | 24.50<br>24.50  | 23.54   | 124.74%<br>127.64%  | 0.162<br>0.150  | 0.202   | -                                       |
| NR n2   | 1         |  | 1   | 1  | Left Edge  | 10  | 376000  | 1880   | 4   | 24.50   | 23.54   | 124.74%   | 0.196   | 0.244   | 217                                     |
| NR n2   | İ         |  | 50  | 28   | Left Edge  | 10  | 376000  | 1880   | 4   | 24.50   | 23.44   | 127.64%   | 0.181   | 0.231   | -                                       |
|   |           |  |   |  |  |   |   |  |   |   |   |   |   |   |   |
| NR n7   |           |  | 1   | 1  | Front Surface  | 10  | 504000  | 2520   | 4   | 24.50   | 24.25   | 105.93%   | 0.143   | 0.151   | -                                       |
| NR n7   | -         |  | 108   | 54<br>1  | Front Surface<br>Back Surface  | 10  | 504000<br>504000  | 2520<br>2520   | 4   | 24.50<br>24.50  | 24.15<br>24.25  | 108.39%<br>105.93%  | 0.122<br>0.133  | 0.132<br>0.141  | -                                       |
| NR n7   | +         | SCS 15kHz  | 108   | 54   | Back Surface   | 10  | 504000  | 2520   | 4   | 24.50   | 24.25   | 108.39%   | 0.133   | 0.134   | -                                       |
| NR n7   | 40MHz     | Pi/2 BPSK  | 1   | 1  | Top Edge   | 10  | 504000  | 2520   | 4   | 24.50   | 24.25   | 105.93%   | 0.124   | 0.131   | -                                       |
| NR n7   | 1         |  | 108   | 54   | Top Edge   | 10  | 504000  | 2520   | 4   | 24.50   | 24.15   | 108.39%   | 0.109   | 0.118   | -                                       |
| NR n7   | İ         |  | 1   | 1  | Left Edge  | 10  | 504000  | 2520   | 4   | 24.50   | 24.25   | 105.93%   | 0.490   | 0.519   | 218                                     |
| NR n7   |           |  | 108   | 54   | Left Edge  | 10  | 504000  | 2520   | 4   | 24.50   | 24.15   | 108.39%   | 0.471   | 0.511   | -                                       |
| NR n25  |           |  | - 1   | 1  | Front Surface  | 10  | 379000  | 1895   | 4   | 24.50   | 23.74   | 119.12%   | 0.104   | 0.124   | -                                       |
| NR n25  | 1         |  | 108   | 54   | Front Surface  | 10  | 379000  | 1895   | 4   | 24.50   | 23.74   | 124.17%   | 0.104   | 0.124   | -                                       |
| NR n25  | 1         |  | 1   | 1  | Back Surface   | 10  | 379000  | 1895   | 4   | 24.50   | 23.74   | 119.12%   | 0.073   | 0.087   |   |
| NR n25  | 401.00    | SCS 15kHz  | 108   | 54   | Back Surface   | 10  | 379000  | 1895   | 4   | 24.50   | 23.56   | 124.17%   | 0.069   | 0.086   | -                                       |
| NR n25  | 40MHz     | Pi/2 BPSK  | 1   | 1  | Top Edge   | 10  | 379000  | 1895   | 4   | 24.50   | 23.74   | 119.12%   | 0.158   | 0.188   | -                                       |
| NR n25  | 1         |  | 108   | 54   | Top Edge   | 10  | 379000  | 1895   | 4   | 24.50   | 23.56   | 124.17%   | 0.147   | 0.183   | -                                       |
| NR n25  | 1         |  | 1   | 1  | Left Edge  | 10  | 379000  | 1895   | 4   | 24.50   | 23.74   | 119.12%   | 0.208   | 0.248   | 219                                     |
| NR n25  |           |  | 108   | 54   | Left Edge  | 10  | 379000  | 1895   | 4   | 24.50   | 23.56   | 124.17%   | 0.194   | 0.241   | -                                       |
| NR n66  |           | <del>                                     </del> | 1   | 1  | Front Surface  | 10  | 346000  | 1730   | 4   | 24.50   | 23.38   | 129.42%   | 0.159   | 0.206   | -                                       |
| NR n66  | 1         |  | 108   | 54   | Front Surface  | 10  | 346000  | 1730   | 4   | 24.50   | 23.19   | 135.21%   | 0.147   | 0.199   | -                                       |
| NR n66  | 1         |  | 1   | 1  | Back Surface   | 10  | 346000  | 1730   | 4   | 24.50   | 23.38   | 129.42%   | 0.094   | 0.122   | -                                       |
| NR n66  | 40MHz     | SCS 15kHz  | 108   | 54   | Back Surface   | 10  | 346000  | 1730   | 4   | 24.50   | 23.19   | 135.21%   | 0.089   | 0.120   | -                                       |
| NR n66  | 70/VII IZ | Pi/2 BPSK  | 1   | 1  | Top Edge   | 10  | 346000  | 1730   | 4   | 24.50   | 23.38   | 129.42%   | 0.173   | 0.224   | -                                       |
| NR n66  |           |  | 108   | 54   | Top Edge   | 10  | 346000  | 1730   | 4   | 24.50   | 23.19   | 135.21%   | 0.165   | 0.223   |   |
| NR n66<br>NR n66  |           |  | 1 108   | 1<br>54  | Left Edge<br>Left Edge   | 10  | 346000<br>346000  | 1730<br>1730   | 4   | 24.50<br>24.50  | 23.38<br>23.19  | 129.42%<br>135.21%  | 0.220   | 0.285<br>0.277  | 220                                     |
| NICTIO  |           |  | 100   | - 54   | Leit Luge  | 10  | 340000  | 1730   | 7   | 24.50   | 20.10   | 155.2176  | 0.203   | 0.211   | -                                       |
| NR n38  |           |  | 1   | 1  | Front Surface  | 10  | 520000  | 2600   | 4   | 24.50   | 24.12   | 109.14%   | 0.285   | 0.311   | -                                       |
| NR n38  |           |  | 50  | 25   | Front Surface  | 10  | 520000  | 2600   | 4   | 24.50   | 24.00   | 112.20%   | 0.272   | 0.305   | -                                       |
| NR n38  |           | SCS 30kHz  | 1   | 1  | Back Surface   | 10  | 520000  | 2600   | 4   | 24.50   | 24.12   | 109.14%   | 0.235   | 0.256   | -                                       |
| NR n38  | 40MHz     | Pi/2 BPSK  | 50  | 25   | Back Surface   | 10  | 520000  | 2600   | 4   | 24.50   | 24.00   | 112.20%   | 0.227   | 0.255   | -                                       |
| NR n38<br>NR n38  |           |  | 50  | 25<br>1  | Top Edge<br>Left Edge  | 10  | 520000<br>520000  | 2600<br>2600   | 4   | 24.50<br>24.50  | 24.00<br>24.12  | 112.20%<br>109.14%  | 0.131<br>0.672  | 0.147<br>0.733  | 221                                     |
| NR n38  | -         |  | 50  | 25   | Left Edge  | 10  | 520000  | 2600   | 4   | 24.50   | 24.12   | 112.20%   | 0.672   | 0.730   | -                                       |
|   |           |  |   |  |  |   |   |  |   |   |   |   |   |   |   |
| INIX IIOO   |           |  | 30  | 23   | Lon Lugo   | 10  | 520000  | 2600   | -   | 24.30   | 24.00   | 112.2070  | 0.031   | 0.730   | -                                       |
| NR n41  |           |  | 1   | 1  | Front Surface  | 10  | 509202  | 2546.01  | 4   | 24.50   | 23.54   | 124.74%   | 0.224   | 0.279   | -                                       |
| NR n41<br>NR n41  |           |  |   | 1 69   | Front Surface<br>Front Surface   | 10  | 509202<br>528000  | 2546.01<br>2640  | 4 4   | 24.50<br>24.50  | 23.54<br>23.44  | 124.74%<br>127.64%  | 0.224<br>0.210  | 0.279<br>0.268  | -                                       |
| NR n41<br>NR n41<br>NR n41  |           | SCS 30kHz  | 1<br>135<br>1   | 1<br>69<br>1   | Front Surface Front Surface Back Surface   | 10<br>10<br>10  | 509202<br>528000<br>509202  | 2546.01<br>2640<br>2546.01   | 4 4 4   | 24.50<br>24.50<br>24.50   | 23.54<br>23.44<br>23.54   | 124.74%<br>127.64%<br>124.74%   | 0.224<br>0.210<br>0.188   | 0.279<br>0.268<br>0.235   |   |
| NR n41<br>NR n41<br>NR n41<br>NR n41  | 100MHz    | SCS 30kHz<br>Pi/2 BPSK                           | 1<br>135<br>1<br>135  | 1<br>69<br>1<br>69   | Front Surface Front Surface Back Surface Back Surface  | 10<br>10<br>10<br>10  | 509202<br>528000<br>509202<br>528000  | 2546.01<br>2640<br>2546.01<br>2640   | 4<br>4<br>4<br>4  | 24.50<br>24.50<br>24.50<br>24.50  | 23.54<br>23.44<br>23.54<br>23.44  | 124.74%<br>127.64%<br>124.74%<br>127.64%  | 0.224<br>0.210<br>0.188<br>0.175  | 0.279<br>0.268<br>0.235<br>0.223  | -                                       |
| NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41  | 100MHz    |  | 1<br>135<br>1<br>135<br>135   | 1<br>69<br>1<br>69<br>69   | Front Surface Front Surface Back Surface Back Surface Top Edge   | 10<br>10<br>10<br>10<br>10  | 509202<br>528000<br>509202<br>528000<br>528000  | 2546.01<br>2640<br>2546.01<br>2640<br>2640   | 4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.44   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%   | 0.224<br>0.210<br>0.188<br>0.175<br>0.132   | 0.279<br>0.268<br>0.235<br>0.223<br>0.168   | -<br>-<br>-<br>-                        |
| NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41  | 100MHz    |  | 1<br>135<br>1<br>135<br>135   | 1<br>69<br>1<br>69<br>69   | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge   | 10<br>10<br>10<br>10<br>10<br>10  | 509202<br>528000<br>509202<br>528000<br>528000<br>509202  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01  | 4<br>4<br>4<br>4  | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.44<br>23.54  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>124.74%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490  | 0.279<br>0.268<br>0.235<br>0.223<br>0.168<br>0.611  | -                                       |
| NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41  | 100MHz    |  | 1<br>135<br>1<br>135<br>135   | 1<br>69<br>1<br>69<br>69   | Front Surface Front Surface Back Surface Back Surface Top Edge   | 10<br>10<br>10<br>10<br>10  | 509202<br>528000<br>509202<br>528000<br>528000  | 2546.01<br>2640<br>2546.01<br>2640<br>2640   | 4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.44   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%   | 0.224<br>0.210<br>0.188<br>0.175<br>0.132   | 0.279<br>0.268<br>0.235<br>0.223<br>0.168   | -<br>-<br>-<br>-<br>-<br>-<br>222       |
| NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41<br>NR n41  | 100MHz    |  | 1<br>135<br>1<br>135<br>135<br>135<br>1<br>135  | 1<br>69<br>1<br>69<br>69<br>1<br>69  | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10                                    | 509202<br>528000<br>509202<br>528000<br>528000<br>509202<br>528000<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.44<br>23.54<br>23.44<br>23.54<br>23.12   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>124.74%<br>127.64%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477   | 0.279<br>0.268<br>0.235<br>0.223<br>0.168<br>0.611<br>0.609   | -<br>-<br>-<br>-<br>-<br>222            |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41   | 100MHz    |  | 1<br>135<br>1<br>135<br>135<br>135<br>135<br>1<br>135   | 1<br>69<br>1<br>69<br>69<br>69<br>1  | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Front Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10                              | 509202<br>528000<br>509202<br>528000<br>528000<br>509202<br>528000<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.44<br>23.54<br>23.44<br>23.12<br>23.03   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>124.74%<br>127.64%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477   | 0.279<br>0.268<br>0.235<br>0.223<br>0.168<br>0.611<br>0.609   | -<br>-<br>-<br>-<br>-<br>-<br>222       |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n71 NR n77 NR n77 NR n77   | 100MHz    |  | 1<br>135<br>1<br>135<br>135<br>135<br>1<br>135  | 1<br>69<br>1<br>69<br>69<br>1<br>69<br>1<br>69   | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Back Surface Front Surface Back Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10                        | 509202<br>528000<br>509202<br>528000<br>528000<br>509202<br>528000<br>652400<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.54<br>23.44<br>23.12<br>23.03<br>23.12  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>124.74%<br>127.64%<br>109.14%<br>111.43%<br>109.14%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477<br>0.284<br>0.275   | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260   | 222                                     |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n71 NR n77 NR n77 NR n77 NR n77  | 100MHz    |  | 1 135 135 1 135 1 1 135 1 1 135 1 1 135 1 1 135   | 1<br>69<br>1<br>69<br>69<br>1<br>69  | Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Front Surface Back Surface Back Surface Back Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10                              | 509202<br>528000<br>509202<br>528000<br>528000<br>509202<br>528000<br>652400<br>652400<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786<br>3786<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4  | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50<br>23.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.44<br>23.44<br>23.12<br>23.03<br>23.12<br>23.03   | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>111.43%<br>109.14%<br>111.43%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477<br>0.284<br>0.275<br>0.238  | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260 0.254   | -<br>-<br>-<br>-<br>-<br>222            |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77 NR n77 NR n77   | 100MHz    |  | 1<br>135<br>1<br>135<br>135<br>135<br>1<br>135  | 1<br>69<br>1<br>69<br>69<br>1<br>69<br>1<br>69   | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Back Surface Back Surface Top Edge  | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10                        | 509202<br>528000<br>509202<br>528000<br>528000<br>509202<br>528000<br>652400<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.54<br>23.44<br>23.12<br>23.03<br>23.12  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>124.74%<br>127.64%<br>109.14%<br>111.43%<br>109.14%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477<br>0.284<br>0.275   | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260   | -<br>-<br>-<br>-<br>-<br>222            |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77   |           | Pi/2 BPSK  | 1 135 1 135 1 135 1 135 1 1 135 1 1 135 1 1   | 1<br>69<br>1<br>69<br>69<br>1<br>69<br>1<br>69<br>1<br>69  | Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Front Surface Back Surface Back Surface Back Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10            | 509202<br>528000<br>509202<br>528000<br>509202<br>528000<br>509202<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2546.01<br>2640<br>2546.01<br>2640<br>3786<br>3786<br>3786<br>3786   | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4   | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.44<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12   | 124.74%<br>127.64%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>109.14%<br>111.43%<br>109.14%<br>111.43%<br>109.14%  | 0.224<br>0.210<br>0.188<br>0.175<br>0.132<br>0.490<br>0.477<br>0.284<br>0.275<br>0.238<br>0.228<br>0.374  | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260 0.254   |   |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77 NR n77  | 100MHz    | Pi/2 BPSK  | 1 135 1 135 1 135 1 135 1 135 1 1 135 1 1 1 1   | 1<br>69<br>1<br>69<br>69<br>1<br>69<br>1<br>1<br>69<br>1<br>1<br>69<br>1<br>1  | Front Surface Front Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Front Surface Back Surface Back Surface Back Surface Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge  | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 509202<br>528000<br>5020202<br>528000<br>528000<br>528000<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400   | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2640<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50   | 23.54<br>23.44<br>23.44<br>23.54<br>23.54<br>23.42<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03  | 124.74%<br>127.64%<br>124.74%<br>127.64%<br>127.64%<br>127.64%<br>127.64%<br>111.43%<br>109.14%<br>111.43%<br>109.14%<br>111.43%<br>109.14%<br>111.43%<br>109.14%   | 0.224<br>0.210<br>0.188<br>0.175<br>0.490<br>0.477<br>0.284<br>0.275<br>0.238<br>0.228<br>0.374<br>0.359<br>0.572   | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260 0.254 0.408 0.400 0.677   |   |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77   |           | Pi/2 BPSK  | 1<br>135<br>1<br>135<br>135<br>135<br>1<br>135<br>1<br>135<br>1<br>135<br>1<br>135<br>1<br>135<br>1<br>135<br>1<br>135  | 1  | Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Front Surface Back Surface Back Surface Back Surface Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 509202<br>528000<br>509202<br>528000<br>528000<br>528000<br>509202<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400  | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2640<br>2640<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786   | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>24.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50<br>23.50  | 23.54<br>23.44<br>23.54<br>23.44<br>23.44<br>23.54<br>23.54<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>22.77<br>23.03<br>22.77<br>23.12<br>23.03  | 124,74%<br>127,64%<br>124,74%<br>127,64%<br>127,64%<br>127,64%<br>122,45%<br>121,45%<br>109,14%<br>111,43%<br>109,14%<br>111,43%<br>111,43%<br>111,43%<br>111,90%<br>111,90%  | 0.224 0.210 0.188 0.175 0.132 0.490 0.477  0.284 0.275 0.238 0.228 0.3374 0.359 0.572 0.615 0.601   | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.260 0.254 0.400 0.677 0.661   |   |
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| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77   | 100MHz    | PI/2 BPSK  SCS 30kHz PI/2 BPSK                   | 1 135 1 135 1 135 1 135 1 135 1 135 1 1 135 1 1 1 1   | 1 000 1 1 000 1 1 1 1 1 1 1 1 1 000 1  | Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 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| 0.224 0.210 0.188 0.175 0.175 0.490 0.490 0.284 0.275 0.238 0.238 0.374 0.359 0.572 0.515 0.601 0.603 0.603 0.641   | 0.279 0.268 0.235 0.223 0.223 0.218 0.611 0.609 0.310 0.306 0.260 0.408 0.407 0.671 0.661 0.661 0.661 0.661 0.661 0.672 0.595   |   |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77  | 100MHz    | PI/2 BPSK  SCS 30kHz PI/2 BPSK                   | 1 135 1 135 1 1 135 270 1 135 1 135 1 135 1 135 1 135 1 135 1 135 1 1 1 1   | 1 09 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 1   | Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Left Edge Left Edge Front Surface Front Surface Back Surface Back Surface Top Edge Top Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Left Edge Front Surface Back Surface Front Surface Front Surface Back Surface Back Surface Back Surface  | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 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| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77  | 100MHz    | PI/2 BPSK  SCS 30kHz PI/2 BPSK                   | 1 135 1 135 1 1 135 270 1 135 1 135 1 135 1 135 1 135 1 135 1 135 1 1 1 1   | 1 09 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 09 1 1 1 1   | Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Left Edge   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 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| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77   | 100MHz    | PI/2 BPSK  SCS 30kHz PI/2 BPSK                   | 1 135 1 1   | 1 69 1 69 1 1 69 1 69 1 1 69 1 69 1 1 69 1 69 1 1 69 1 69 1 1 69 1 69 1 1 69 1  | Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Left Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Left Edge Front Surface Back Surface Back Surface Back Surface Back Edge Top Edge Left Edge Left Edge Left Edge Left Edge  | 10 10 10 10 10 10 10 10 10 10 10 10 10 1  | 509202<br>528000<br>509202<br>528000<br>528000<br>528000<br>528000<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>6533334<br>633334<br>633334<br>633334<br>633334   | 2546.01<br>2640<br>2546.01<br>2640<br>2640<br>2546.01<br>2546.01<br>2546.01<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786  | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>22.77<br>22.74<br>22.68<br>22.99<br>22.99<br>22.90<br>22.91<br>22.81<br>22.61<br>22.81<br>22.61<br>22.81<br>22.61  | 124,74% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 111,43% 112,43% 112,43% 112,24%   | 0.224 0.210 0.188 0.175 0.132 0.490 0.475 0.284 0.275 0.238 0.228 0.274 0.359 0.572 0.515 0.601 0.672 0.572 0.514 0.164 0.164 0.170 0.160 0.244 0.275 0.281 0.493   | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.204 0.408 0.407 0.671 0.671 0.681 0.691 0.491 |   |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77                             | 100MHz    | SCS 30kHz<br>Pi/2 BPSK                           | 1 135 1 135 1 1 135 1 1 135 1 1 135 1 1 135 1 1 1 1   | 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 1 1 69 69 69 1 1 69 69 69 69 69 69 69 69 69 69 69 69 69  | Front Surface Front Surface Back Surface Back Surface Back Surface Top Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Left Edge Front Surface Front Surface Back Surface Back Surface Back Edge Left Edge Left Edge Left Edge Left Edge Left Edge   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 509202<br>528000<br>509202<br>528000<br>509202<br>528000<br>528000<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400<br>653400  | 2546.01<br>2640<br>2640<br>2640<br>2640<br>2640<br>2640<br>2640<br>2786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3786<br>3   | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50   | 23.54<br>23.44<br>23.54<br>23.44<br>23.54<br>23.42<br>23.12<br>23.03<br>23.12<br>23.03<br>23.12<br>23.03<br>22.71<br>23.03<br>22.71<br>22.68<br>22.99<br>23.03<br>22.59<br>22.59<br>22.81<br>22.61<br>22.81<br>22.61<br>22.81<br>22.61  | 124,74% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 109,14% 111,43% 109,14% 111,43%   | 0.224 0.210 0.188 0.175 0.132 0.490 0.477 0.284 0.275 0.238 0.228 0.238 0.229 0.572 0.572 0.572 0.572 0.571 0.601 0.672 0.521 0.160 0.572 0.531 0.493 0.541   | 0.279 0.288 0.235 0.235 0.235 0.216 0.611 0.600 0.310 0.310 0.306 0.280 0.284 0.400 0.677 0.661 0.691 0.691 0.291 0.291 0.291 0.691 0.291 0.691 0.691 0.691 0.691 0.691 0.691 0.691 0.691   | 222                                     |
| NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n41 NR n77 | 100MHz    | SCS 30kHz PIZ BPSK                               | 1 135 1 1 135 1 1 135 1 1 135 1 1 1 1 | 1 09 1 09 1 1 09 1 09 1 1 09 1 09 1 1 09 1 09 1 1 09 1  | Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Left Edge Left Edge Left Edge Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Left Edge Front Surface Back Surface Back Surface Back Surface Front Surface Front Surface Front Surface Front Surface Front Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface Back Surface   | 10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>1 | 509202<br>529000<br>529000<br>528000<br>528000<br>528000<br>528000<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>652400<br>650000<br>650000<br>650000<br>650000<br>650000<br>650000<br>650000  | 2546.01 2840 2840.01 2840.01 2840.01 2840.01 2840.01 2840.01 2840.01 2840.01 3786 3786 3786 3786 3786 3786 3786 3786   | 4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4 | 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50   | 23.54 23.44 23.44 23.44 23.44 23.55 23.44 23.56 23.42 23.12 23.03 23.12 23.03 23.12 23.03 23.12 23.03 22.77 23.12 23.03 22.77 23.12 23.03 22.77 23.12 22.69 22.74 22.69 22.74 22.61 22.81 22.61 22.81 22.61 22.81 22.61 22.81 22.61 22.81 22.61   | 124,74% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 127,64% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,43% 109,14% 111,24% 120,72% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 117,22% 122,74% 118,03% 118,03% 118,03% 118,03% 118,03% 118,03%   | 0.224 0.210 0.188 0.175 0.182 0.490 0.477 0.284 0.275 0.238 0.374 0.359 0.572 0.615 0.601 0.572 0.512 0.615 0.601 0.572 0.477 0.477 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.449                               | 0.279 0.268 0.235 0.223 0.168 0.611 0.609 0.310 0.306 0.204 0.408 0.407 0.671 0.671 0.681 0.681 0.691 0.254 0.408 0.407 0.671 0.671 0.681 0.681 0.681 0.691 0.555   | 222                                     |
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0.216 0.611 0.600 0.310 0.306 0.260 0.260 0.260 0.260 0.400 0.400 0.401 0.661 0.661 0.661 0.661 0.661 0.661 0.661 0.661 0.661 0.661 0.661 0.564 0.671 0.661 0.554 0.555 0.216 0.216 0.211 0.196 0.284 0.262 0.560 0.5551  |   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 522 of 939

Hotspot Ant5

| Mode                       | Bandwidth          | Modulation             | RB<br>Size | RB          | Position                                | Distance         | Channel                    | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | Averaged S<br>(W.       |                         | ID       |
|----------------------------|--------------------|------------------------|------------|-------------|---|------------------|----------------------------|----------------|-----|---------------------------------|------------------------|--------------------|-------------------------|-------------------------|----------|
|                            | (MHz)              |                        | Size       | start       |   | (mm)             |                            | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | ,                  | Measured                | Reported                |          |
| LTE Band 42                |                    |                        | 1          | 0           | Front Surface                           | 10               | 42590                      | 3500           | 4   | 24.50                           | 23.48                  | 126.47%            | 0.299                   | 0.378                   | -        |
| LTE Band 42                | 1                  |                        | 50         | 25          | Front Surface                           | 10               | 42590                      | 3500           | 4   | 23.50                           | 22.42                  | 128.23%            | 0.232                   | 0.298                   | -        |
| LTE Band 42                | 20MHz              | QPSK                   | 1          | 0           | Back Surface                            | 10               | 42590                      | 3500           | 4   | 24.50                           | 23.48                  | 126.47%            | 0.350                   | 0.443                   | -        |
| LTE Band 42                | ZOIVII IZ          | Qi Sik                 | 50         | 25          | Back Surface                            | 10               | 42590                      | 3500           | 4   | 23.50                           | 22.42                  | 128.23%            | 0.273                   | 0.350                   | -        |
| LTE Band 42                |                    |                        | 1          | 0           | Left Edge                               | 10               | 42590                      | 3500           | 4   | 24.50                           | 23.48                  | 126.47%            | 0.464                   | 0.587                   | 22       |
| LTE Band 42                |                    |                        | 50         | 25          | Left Edge                               | 10               | 42590                      | 3500           | 4   | 23.50                           | 22.42                  | 128.23%            | 0.371                   | 0.476                   | -        |
| Mode                       | Bandwidth<br>(MHz) | Modulation             | RB<br>Size | RB<br>start | Position                                | Distance<br>(mm) | Channel                    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Scaling            | Averaged S<br>(W.       | /kg)                    | ID       |
|                            | (                  |                        |            |             |   | , ,              |                            |                |     | Tolerance (dBm)                 | (dBm)                  |                    | Measured                | Reported                |          |
| NR n77                     | 4                  |                        | 1          | 1           | Front Surface                           | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.35                  | 103.51%            | 0.350                   | 0.362                   | -        |
| NR n77                     | 1                  |                        | 135        | 69          | Front Surface                           | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.33                  | 103.99%            | 0.346                   | 0.360                   | ļ -      |
| NR n77                     | 100MHz             | SCS 30kHz              | 1          | 1           | Back Surface                            | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.35                  | 103.51%            | 0.453                   | 0.469                   |          |
| NR n77                     |                    | Pi/2 BPSK              | 135        | 69          | Back Surface                            | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.33                  | 103.99%            | 0.443                   | 0.461                   |          |
| NR n77                     | 1                  |                        | 1          | 1           | Left Edge                               | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.35                  | 103.51%            | 0.505                   | 0.523                   | 22       |
| NR n77                     |                    |                        | 135        | 69          | Left Edge                               | 10               | 652400                     | 3786           | 4   | 22.50                           | 22.33                  | 103.99%            | 0.485                   | 0.504                   | -        |
|                            |                    |                        |            |             |   |                  |                            |                |     |                                 |                        |                    |                         |                         |          |
| NR n77 & n78               | 1                  |                        | 1          | 137         | Front Surface                           | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.28                  | 105.20%            | 0.292                   | 0.307                   |          |
| NR n77 & n78               | 1                  |                        | 135        | 69          | Front Surface                           | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.11                  | 109.40%            | 0.273                   | 0.299                   |          |
| NR n77 & n78               | 1                  | SCS 30kHz              | 1          | 137         | Back Surface                            | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.28                  | 105.20%            | 0.377                   | 0.397                   |          |
| NR n77 & n78               | 100MHz             | Pi/2 BPSK              | 135        | 69          | Back Surface                            | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.11                  | 109.40%            | 0.351                   | 0.384                   |          |
| NR n77 & n78               | 1                  |                        | 1          | 137         | Left Edge                               | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.28                  | 105.20%            | 0.475                   | 0.500                   | 2        |
| NR n77 & n78               | 1                  |                        | 135        | 69          | Left Edge                               | 10               | 633334                     | 3500.01        | 4   | 22.50                           | 22.11                  | 109.40%            | 0.421                   | 0.461                   |          |
| NR n77 & n78               |                    |                        | 270        | 0           | Left Edge                               | 10               | 633334                     | 3500.01        | 4   | 22.00                           | 21.77                  | 105.44%            | 0.447                   | 0.471                   |          |
|                            |                    |                        |            |             |   |                  |                            |                |     |                                 |                        |                    |                         |                         |          |
|                            |                    |                        |            |             |   |                  |                            |                |     |                                 |                        |                    |                         |                         |          |
|                            |                    | I                      |            |             |   |                  |                            |                |     |                                 |                        |                    |                         |                         | <u> </u> |
|                            |                    |                        |            |             |   |                  | 650000                     | 3750           | 4   | 22.50                           | 22.21                  | 106.91%            | 0.294                   | 0.314                   | 1 .      |
| NR n78                     |                    |                        | 1          | 1           | Front Surface                           | 10               |                            |                |     |                                 |                        |                    |                         |                         |          |
| NR n78                     |                    |                        | 1<br>135   | 1<br>69     | Front Surface                           | 10               | 650000                     | 3750           | 4   | 22.50                           | 22.03                  | 111.43%            | 0.291                   | 0.324                   |          |
| NR n78<br>NR n78           | 100MHz             | SCS 30kHz              | 135<br>1   | 69          | Front Surface<br>Back Surface           | 10<br>10         | 650000<br>650000           | 3750           | 4   | 22.50                           | 22.21                  | 106.91%            | 0.291<br>0.371          | 0.324<br>0.397          | _        |
| NR n78<br>NR n78<br>NR n78 | 100MHz             | SCS 30kHz<br>Pi/2 BPSK | 135        | 69          | Front Surface Back Surface Back Surface | 10<br>10<br>10   | 650000<br>650000<br>650000 | 3750<br>3750   | 4   | 22.50<br>22.50                  | 22.21<br>22.03         | 106.91%<br>111.43% | 0.291<br>0.371<br>0.370 | 0.324<br>0.397<br>0.412 |          |
| NR n78<br>NR n78           | 100MHz             |                        | 135<br>1   | 69          | Front Surface<br>Back Surface           | 10<br>10         | 650000<br>650000           | 3750           | 4   | 22.50                           | 22.21                  | 106.91%            | 0.291<br>0.371          | 0.324<br>0.397          | 22       |

Hotenot Ant6

| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Scaling | (W/                           |                                | ID  |
|--------------|--------------------|------------|------------|-------------|---------------|------------------|---------|----------------|-----|--|---------------------------------|---------|-------------------------------|--------------------------------|-----|
|              | (IVIFIZ)           |            | Size       | Stallt      |               | (11111)          |         | , ,            |     | Tolerance (dBm)                                    | (dBm)                           |         | Measured                      | Reported                       |     |
| LTE Band 42  |                    |            | 1          | 0           | Front Surface | 10               | 42590   | 3500           | 4   | 24.50  | 23.48                           | 126.47% | 0.085                         | 0.108                          | -   |
| LTE Band 42  |                    |            | 1          | 0           | Back Surface  | 10               | 41690   | 3410           | 4   | 24.50  | 23.32                           | 131.22% | 0.666                         | 0.874                          | 230 |
| LTE Band 42  |                    |            | 1          | 0           | Back Surface  | 10               | 42590   | 3500           | 4   | 24.50  | 23.48                           | 126.47% | 0.555                         | 0.702                          | -   |
| LTE Band 42  | 20MHz              | QPSK       | 1          | 0           | Back Surface  | 10               | 43490   | 3590           | 4   | 24.50  | 23.41                           | 128.53% | 0.464                         | 0.596                          | -   |
| LTE Band 42  | 201011 12          | Qi Sik     | 1          | 0           | Bottom Edge   | 10               | 42590   | 3500           | 4   | 24.50  | 23.48                           | 126.47% | 0.155                         | 0.196                          | -   |
| LTE Band 42  |                    |            | 1          | 0           | Left Edge     | 10               | 42590   | 3500           | 4   | 24.50  | 23.48                           | 126.47% | 0.209                         | 0.264                          | -   |
| LTE Band 42  |                    |            | 50         | 25          | Left Edge     | 10               | 42590   | 3500           | 4   | 23.50  | 22.42                           | 128.23% | 0.177                         | 0.227                          | -   |
| 42C          |                    |            | 1          | 0           | Back Surface  | 10               | 41690   | 3410           | 4   | 24.50  | 23.12                           | 137.40% | 0.598                         | 0.822                          | -   |
| Mode         | Bandwidth<br>(MHz) | Modulation | RB<br>Size | RB<br>start | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Scaling | Averaged S<br>(W/<br>Measured | AR over 1g<br>/kg)<br>Reported | ID  |
| NR n77       |                    |            | 1          | 137         | Front Surface | 10               | 652400  | 3786           | 4   | 21.50  | 21.35                           | 103.51% | 0.150                         | 0.155                          | -   |
| NR n77       |                    |            | 135        | 69          | Front Surface | 10               | 652400  | 3786           | 4   | 21.50  | 21.31                           | 104.47% | 0.143                         | 0.149                          |     |
| NR n77       | 1                  |            | 1          | 137         | Back Surface  | 10               | 652400  | 3786           | 4   | 21.50  | 21.35                           | 103.51% | 0.476                         | 0.493                          | 23  |
| NR n77       |                    | SCS 30kHz  | 135        | 69          | Back Surface  | 10               | 652400  | 3786           | 4   | 21.50  | 21.31                           | 104.47% | 0.461                         | 0.482                          |     |
| NR n77       | 100MHz             | Pi/2 BPSK  | 1          | 137         | Bottom Edge   | 10               | 652400  | 3786           | 4   | 21.50  | 21.35                           | 103.51% | 0.081                         | 0.084                          |     |
| NR n77       | 1                  |            | 135        | 69          | Bottom Edge   | 10               | 652400  | 3786           | 4   | 21.50  | 21.31                           | 104.47% | 0.075                         | 0.078                          |     |
| NR n77       | 1                  |            | 1          | 137         | Left Edge     | 10               | 652400  | 3786           | 4   | 21.50  | 21.35                           | 103.51% | 0.129                         | 0.134                          |     |
| NR n77       |                    |            | 135        | 69          | Left Edge     | 10               | 652400  | 3786           | 4   | 21.50  | 21.31                           | 104.47% | 0.121                         | 0.126                          |     |
|              |                    |            |            |             |               |                  |         |                |     |  |                                 |         |                               |                                |     |
| NR n77 & n78 |                    |            | 1          | 1           | Front Surface | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.36                           | 103.28% | 0.283                         | 0.292                          |     |
| NR n77 & n78 |                    |            | 135        | 69          | Front Surface | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.32                           | 104.23% | 0.258                         | 0.269                          |     |
| NR n77 & n78 |                    |            | 1          | 1           | Back Surface  | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.36                           | 103.28% | 0.637                         | 0.658                          | 2   |
| NR n77 & n78 | 100MHz             | SCS 30kHz  | 135        | 69          | Back Surface  | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.32                           | 104.23% | 0.602                         | 0.627                          |     |
| NR n77 & n78 | 100111112          | Pi/2 BPSK  | 1          | 1           | Bottom Edge   | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.36                           | 103.28% | 0.190                         | 0.196                          |     |
| NR n77 & n78 |                    |            | 135        | 69          | Bottom Edge   | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.32                           | 104.23% | 0.178                         | 0.186                          |     |
| NR n77 & n78 |                    |            | 1          | 1           | Left Edge     | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.36                           | 103.28% | 0.234                         | 0.242                          |     |
| NR n77 & n78 |                    |            | 135        | 69          | Left Edge     | 10               | 633334  | 3500.01        | 4   | 21.50  | 21.32                           | 104.23% | 0.231                         | 0.241                          |     |
|              |                    |            |            |             |               |                  |         |                |     |  |                                 |         |                               |                                |     |
| NR n78       | _                  |            | 1          | 272         | Front Surface | 10               | 650000  | 3750           | 4   | 21.50  | 21.17                           | 107.89% | 0.182                         | 0.196                          | ₩   |
| NR n78       | _                  |            | 135        | 69          | Front Surface | 10               | 650000  | 3750           | 4   | 21.50  | 21.20                           | 107.15% | 0.169                         | 0.181                          |     |
| NR n78       | _                  |            | 1          | 272         | Back Surface  | 10               | 650000  | 3750           | 4   | 21.50  | 21.17                           | 107.89% | 0.506                         | 0.546                          | 2   |
| NR n78       | 100MHz             | SCS 30kHz  | 135        | 69          | Back Surface  | 10               | 650000  | 3750           | 4   | 21.50  | 21.20                           | 107.15% | 0.481                         | 0.515                          |     |
| NR n78       |                    | Pi/2 BPSK  | 1          | 272         | Bottom Edge   | 10               | 650000  | 3750           | 4   | 21.50  | 21.17                           | 107.89% | 0.132                         | 0.142                          |     |
| NR n78       |                    |            | 135        | 69          | Bottom Edge   | 10               | 650000  | 3750           | 4   | 21.50  | 21.20                           | 107.15% | 0.127                         | 0.136                          |     |
| NR n78       | _                  |            | 1          | 272         | Left Edge     | 10               | 650000  | 3750           | 4   | 21.50  | 21.17                           | 107.89% | 0.153                         | 0.165                          |     |
| NR n78       | 1                  | l          | 135        | 69          | Left Edge     | 10               | 650000  | 3750           | 4   | 21.50  | 21.20                           | 107.15% | 0.144                         | 0.154                          |     |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 523 of 939

### Head DSI1

| neau_DSH  |              |                         |                  |            | _              |     | Max. Rated Avg.                                    | Measured                        |                       |                    | Armond CAD               | 1= (\0//\s                 |     |
|---|--------------|-------------------------|------------------|------------|----------------|-----|--|---------------------------------|-----------------------|--------------------|--------------------------|----------------------------|-----|
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Power + Max.<br>Tolerance (dBm)                    | Avg. Power<br>(dBm)             | Duty cycle<br>scaling | Power<br>scaling   | Measured                 | over 1g (W/kg)  Reported   | ID  |
| WLAN 802.11b  | Ant7         | Right Touch             | -                | 6          | 2437           | 1   | 19.00  | 18.98                           | 1.06                  | 100.46%            | 1.020                    | 1.082                      | 234 |
| WLAN 802.11b  | Ant7         | Right Touch             | -                | 11         | 2462           | 1   | 19.00  | 18.91                           | 1.06                  | 102.09%            | 0.986                    | 1.063                      | -   |
| WLAN 802.11b  | Ant7         | Right Tilt              | -                | 6          | 2437           | 1   | 19.00  | 18.98                           | 1.06                  | 100.46%            | 0.269                    | 0.285                      | -   |
| WLAN 802.11b  | Ant7         | Left Touch              | -                | 6          | 2437           | 1   | 19.00  | 18.98                           | 1.06                  | 100.46%            | 0.478                    | 0.507                      | -   |
| WLAN 802.11b  | Ant7         | Left Tilt               | -                | 6          | 2437           | 1   | 19.00  | 18.98                           | 1.06                  | 100.46%            | 0.132                    | 0.140                      |     |
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power scaling      | Averaged SAR<br>Measured | over 1g (W/kg)             | ID  |
| Bluetooth(GFSK)   | Ant7         | Right Touch             |                  | 0          | 2402           | 1   | 18.00  | 17.46                           | 1.31                  | 113.24%            | 0.327                    | 0.485                      |     |
| Bluetooth(GFSK)   | Ant7         | Right Touch             | -                | 39         | 2441           | 1   | 18.00  | 17.57                           | 1.31                  | 110.41%            | 0.367                    | 0.530                      | 235 |
| Bluetooth(GFSK)   | Ant7         | Right Touch             |                  | 78         | 2480           | 1   | 18.00  | 16.58                           | 1.31                  | 138.68%            | 0.252                    | 0.457                      | 200 |
| Bluetooth(GFSK)   | Ant7         | Right Tilt              | -                | 39         | 2441           | 1   | 18.00  | 17.57                           | 1.31                  | 110.41%            | 0.232                    | 0.437                      | -   |
| . , ,   |              | -                       | <u> </u>         |            | 2441           | 1   |  |                                 |                       |                    |                          |                            | -   |
| Bluetooth(GFSK) Bluetooth(GFSK)   | Ant7         | Left Touch<br>Left Tilt | -                | 39<br>39   |                | 1   | 18.00<br>18.00                                     | 17.57<br>17.57                  | 1.31                  | 110.41%            | 0.129<br>0.065           | 0.186<br>0.094             | -   |
| Bluetootn(GFSK)   | Ant7         | Lett Hit                |                  | 39         | 2441           | 1   |  |                                 | 1.31                  | 110.41%            | 0.065                    | 0.094                      | -   |
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power<br>scaling   | Averaged SAR<br>Measured | over 1g (W/kg) Reported    | ID  |
| WLAN 802.11n(40M) 5.3G  | Ant7         | Right Touch             | -                | 54         | 5270           | 1   | 18.00  | 17.98                           | 1.02                  | 100.46%            | 0.567                    | 0.579                      | 236 |
| WLAN 802.11n(40M) 5.3G  | Ant7         | Right Tilt              |                  | 54         | 5270           | 1   | 18.00  | 17.98                           | 1.02                  | 100.46%            | 0.059                    | 0.060                      |     |
| WLAN 802.11n(40M) 5.3G  | Ant7         | Left Touch              | -                | 54         | 5270           | 1   | 18.00  | 17.98                           | 1.02                  | 100.46%            | 0.206                    | 0.210                      | -   |
| WLAN 802.11n(40M) 5.3G  | Ant7         | Left Tilt               | -                | 54         | 5270           | 1   | 18.00  | 17.98                           | 1.02                  | 100.46%            | 0.039                    | 0.040                      | -   |
| Mode  | Antenna      | Position                | Distance (mm)    | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power scaling      | Averaged SAR<br>Measured | over 1g (W/kg)  Reported   | ID  |
| WLAN 802.11ac(80M) 5.6G   | Ant7         | Right Touch             | -                | 138        | 5690           | 1   | 15.50  | 15.45                           | 1.03                  | 101.16%            | 0.574                    | 0.596                      | 237 |
| WLAN 802.11ac(80M) 5.6G   | Ant7         | Right Tilt              |                  | 138        | 5690           | 1   | 15.50  | 15.45                           | 1.03                  | 101.16%            | 0.054                    | 0.056                      | -   |
| WLAN 802.11ac(80M) 5.6G   | Ant7         | Left Touch              | -                | 138        | 5690           | 1   | 15.50  | 15.45                           | 1.03                  | 101.16%            | 0.167                    | 0.173                      | -   |
| WLAN 802.11ac(80M) 5.6G   |              |                         |                  |            |                |     | 15.50  |                                 |                       |                    |                          |                            | -   |
| WLAN 802.11ac(80M) 5.6G   | Ant7         | Left Tilt               | -                | 138        | 5690           | 1   |  | 15.45                           | 1.03                  | 101.16%            | 0.023                    | 0.024                      | •   |
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power<br>scaling   | Averaged SAR<br>Measured | over 1g (W/kg)<br>Reported | ID  |
| WLAN 802.11ac(80M) 5.8G   | Ant7         | Right Touch             | -                | 155        | 5775           | 1   | 15.50  | 15.48                           | 1.03                  | 100.46%            | 0.579                    | 0.597                      | 238 |
| WLAN 802.11ac(80M) 5.8G   | Ant7         | Right Tilt              | -                | 155        | 5775           | 1   | 15.50  | 15.48                           | 1.03                  | 100.46%            | 0.051                    | 0.053                      |     |
| WLAN 802.11ac(80M) 5.8G   | Ant7         | Left Touch              | -                | 155        | 5775           | 1   | 15.50  | 15.48                           | 1.03                  | 100.46%            | 0.200                    | 0.206                      |     |
| WLAN 802.11ac(80M) 5.8G   | Ant7         | Left Tilt               | -                | 155        | 5775           | 1   | 15.50  | 15.48                           | 1.03                  | 100.46%            | 0.041                    | 0.042                      | -   |
| VVENU OUZ. I Tac(OOM) 0.00  | 7410         | Loit Till               |                  | 155        | 3773           |     | 10.00  | 10.40                           | 1.00                  | 100.4070           | 0.041                    | 0.042                      | -   |
|   |              |                         |                  |            |                |     |  |                                 |                       |                    |                          |                            |     |
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle<br>scaling | Power scaling      | Averaged SAR<br>Measured | over 1g (W/kg)  Reported   | ID  |
| WLAN 802.11b  | Ant8         | Right Touch             | -                | 1          | 2412           | 1   | 19.00  | 18.99                           | 1.06                  | 100.23%            | 0.465                    | 0.492                      | -   |
| WLAN 802.11b  | Ant8         | Right Tilt              | -                | 1          | 2412           | 1   | 19.00  | 18.99                           | 1.06                  | 100.23%            | 0.642                    | 0.680                      | -   |
| WLAN 802.11b  | Ant8         | Left Touch              | -                | 1          | 2412           | 1   | 19.00  | 18.99                           | 1.06                  | 100.23%            | 0.453                    | 0.479                      | -   |
| WLAN 802.11b  | Ant8         | Left Tilt               | -                | 1          | 2412           | 1   | 19.00  | 18.99                           | 1.06                  | 100.23%            | 0.686                    | 0.726                      | 239 |
| Mode  | Antenna      | Position                | Distance<br>(mm) | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle scaling    | Power scaling      | Averaged SAR             | over 1g (W/kg)             | ID  |
| District (OFOIO   | 410          | Dista Tour              |                  | 00         | 0444           | 4   | Tolerance (dBm)                                    | (dBm)                           | 1.01                  |                    | Measured                 | Reported                   |     |
| Bluetooth(GFSK)   | Ant8         | Right Touch             | -                | 39         | 2441           | 1   | #REF!  | 17.57                           | 1.31                  | #REF!              | 0.091                    | #REF!                      | -   |
| Bluetooth(GFSK)   | Ant8         | Right Tilt              | -                | 39         | 2441           | 1   | #REF!  | 17.57                           | 1.31                  | #REF!              | 0.196                    | #REF!                      |     |
| Bluetooth(GFSK)   | Ant8         | Left Touch              | -                | 39         | 2441           | 1   | #REF!  | 17.57                           | 1.31                  | #REF!              | 0.108                    | #REF!                      | -   |
| Bluetooth(GFSK)   | Ant8         | Left Tilt               | Distance         | 39         | 2441<br>Freq.  | 1   | #REF!<br>Max. Rated Avg.                           | 17.57<br>Measured               | 1.31<br>Duty cycle    | #REF!              | 0.217<br>Averaged SAR    | #REF!<br>over 1g (W/kg)    | 240 |
| Mode  | Antenna      | Position                | (mm)             | Channel    | (MHz)          | DSI | Power + Max.<br>Tolerance (dBm)                    | Avg. Power<br>(dBm)             | scaling               | scaling            | Measured                 | Reported                   | ID  |
| WLAN 802.11n(40M) 5.3G  | Ant8         | Right Touch             | -                | 54         | 5270           | 1   | 18.00  | 17.99                           | 1.02                  | 100.23%            | 0.311                    | 0.317                      | -   |
| WLAN 802.11n(40M) 5.3G  | Ant8         | Right Tilt              | -                | 54         | 5270           | 1   | 18.00  | 17.99                           | 1.02                  | 100.23%            | 0.309                    | 0.315                      | -   |
| WLAN 802.11n(40M) 5.3G  | Ant8         | Left Touch              | -                | 54         | 5270           | 1   | 18.00  | 17.99                           | 1.02                  | 100.23%            | 0.460                    | 0.469                      | 241 |
| WLAN 802.11n(40M) 5.3G  | Ant8         | Left Tilt               | -                | 54         | 5270           | 1   | 18.00  | 17.99                           | 1.02                  | 100.23%            | 0.426                    | 0.434                      | -   |
| Mode  | Antenna      | Position                | Distance (mm)    | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power scaling      | Averaged SAR<br>Measured | over 1g (W/kg) Reported    | ID  |
| WLAN 802.11ac(80M) 5.6G   | Ant8         | Right Touch             | -                | 138        | 5690           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.307                    | 0.316                      | -   |
| WLAN 802.11ac(80M) 5.6G   | Ant8         | Right Tilt              | -                | 138        | 5690           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.236                    | 0.243                      | -   |
| WLAN 802.11ac(80M) 5.6G   | Ant8         | Left Touch              | -                | 138        | 5690           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.427                    | 0.440                      | 242 |
| WLAN 802.11ac(80M) 5.6G   | Ant8         | Left Tilt               | -                | 138        | 5690           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.401                    | 0.413                      | -   |
| Mode  | Antenna      | Position                | Distance (mm)    | Channel    | Freq.<br>(MHz) | DSI | Max. Rated Avg. Power + Max. Tolerance (dBm)       | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power scaling      |                          | over 1g (W/kg)  Reported   | ID  |
| WLAN 802.11ac(80M) 5.8G   | Ant8         | Right Touch             |                  | 155        | 5775           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.264                    | 0.272                      |     |
|   |              | -                       | -                |            |                |     |  |                                 |                       |                    |                          |                            | -   |
|   | Ant8         | Right Tilt              | 1 -              | 155        | 5775           | 1   | 15.50  | 15.49                           | 1.03                  | 100.23%            | 0.250                    | 0.257                      |     |
| WLAN 802.11ac(80M) 5.8G   |              | 1.6= .                  | 1                | 4          |                |     | 45.50  | 45 10                           |                       | 400 0001           | 0 /                      | 0.400                      |     |
| WLAN 802.11ac(80M) 5.8G<br>WLAN 802.11ac(80M) 5.8G<br>WLAN 802.11ac(80M) 5.8G | Ant8<br>Ant8 | Left Touch<br>Left Tilt | -                | 155<br>155 | 5775<br>5775   | 1   | 15.50<br>15.50                                     | 15.49<br>15.49                  | 1.03                  | 100.23%<br>100.23% | 0.469<br>0.391           | 0.483<br>0.402             | 243 |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 524 of 939

### Head DSI2

| I leau_DSIZ             |                 |                    |                  |               |                |          | Max. Rated Avg.                                     | Measured                        |                          |                             |                             |                          |    |
|-------------------------|-----------------|--------------------|------------------|---------------|----------------|----------|---|---------------------------------|--------------------------|-----------------------------|-----------------------------|--------------------------|----|
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Power + Max.<br>Tolerance (dBm)                     | Avg. Power<br>(dBm)             | Duty cycle<br>scaling    | Power scaling               | Averaged SAR<br>Measured    | over 1g (W/kg)  Reported | ID |
| WLAN 802.11b            | Ant7            | Right Touch        |                  | 6             | 2437           | 2        | 16.00   | 15.98                           | 1.06                     | 100.46%                     | 0.510                       | 0.541                    | -  |
| WLAN 802.11b            | Ant7            | Right Tilt         |                  | 6             | 2437           | 2        | 16.00   | 15.98                           | 1.06                     | 100.46%                     | 0.122                       | 0.129                    | -  |
| WLAN 802.11b            | Ant7            | Left Touch         | -                | 6             | 2437           | 2        | 16.00   | 15.98                           | 1.06                     | 100.46%                     | 0.225                       | 0.239                    | -  |
| WLAN 802.11b            | Ant7            | Left Tilt          | -                | 6             | 2437           | 2        | 16.00   | 15.98                           | 1.06                     | 100.46%                     | 0.055                       | 0.058                    | -  |
| Mode                    | Antenna         | Position           | Distance (mm)    | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               |                             | over 1g (W/kg)           | ID |
| Bluetooth(GFSK)         | Ant7            | Right Touch        | _                | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.202                       | 0.273                    | _  |
| Bluetooth(GFSK)         | Ant7            | Right Tilt         |                  | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.074                       | 0.100                    | -  |
| Bluetooth(GFSK)         | Ant7            | Left Touch         | -                | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.065                       | 0.088                    | -  |
| Bluetooth(GFSK)         | Ant7            | Left Tilt          |                  | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.031                       | 0.042                    | -  |
| (- /                    |                 |                    |                  |               |                |          | Max. Rated Avg.                                     | Measured                        |                          |                             |                             |                          |    |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Power + Max.<br>Tolerance (dBm)                     | Avg. Power<br>(dBm)             | Duty cycle<br>scaling    | Power<br>scaling            | Measured                    | over 1g (W/kg) Reported  | ID |
| WLAN 802.11n(40M) 5.3G  | Ant7            | Right Touch        | -                | 54            | 5270           | 2        | 15.00   | 14.98                           | 1.02                     | 100.46%                     | 0.256                       | 0.262                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7            | Right Tilt         | -                | 54            | 5270           | 2        | 15.00   | 14.98                           | 1.02                     | 100.46%                     | 0.023                       | 0.023                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7            | Left Touch         | -                | 54            | 5270           | 2        | 15.00   | 14.98                           | 1.02                     | 100.46%                     | 0.092                       | 0.094                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7            | Left Tilt          | -                | 54            | 5270           | 2        | 15.00   | 14.98                           | 1.02                     | 100.46%                     | 0.021                       | 0.021                    | -  |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               | Measured                    | over 1g (W/kg)  Reported | ID |
| WLAN 802.11ac(80M) 5.6G | Ant7            | Right Touch        | -                | 138           | 5690           | 2        | 12.50   | 12.45                           | 1.03                     | 101.16%                     | 0.276                       | 0.287                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7            | Right Tilt         | -                | 138           | 5690           | 2        | 12.50   | 12.45                           | 1.03                     | 101.16%                     | 0.026                       | 0.027                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7            | Left Touch         | -                | 138           | 5690           | 2        | 12.50   | 12.45                           | 1.03                     | 101.16%                     | 0.072                       | 0.075                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7            | Left Tilt          | -                | 138           | 5690           | 2        | 12.50   | 12.45                           | 1.03                     | 101.16%                     | 0.014                       | 0.015                    | -  |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               | Averaged SAR<br>Measured    | over 1g (W/kg) Reported  | ID |
| WLAN 802.11ac(80M) 5.8G | Ant7            | Right Touch        | -                | 155           | 5775           | 2        | 12.50   | 12.44                           | 1.03                     | 101.39%                     | 0.257                       | 0.268                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7            | Right Tilt         | -                | 155           | 5775           | 2        | 12.50   | 12.44                           | 1.03                     | 101.39%                     | 0.017                       | 0.018                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7            | Left Touch         | -                | 155           | 5775           | 2        | 12.50   | 12.44                           | 1.03                     | 101.39%                     | 0.088                       | 0.092                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7            | Left Tilt          | -                | 155           | 5775           | 2        | 12.50   | 12.44                           | 1.03                     | 101.39%                     | 0.017                       | 0.018                    | -  |
| Mode                    | Antenna         | Position           | Distance (mm)    | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               | Averaged SAR<br>Measured    | over 1g (W/kg)           | ID |
| WLAN 802.11b            | Ant8            | Right Touch        | -                | 1             | 2412           | 2        | 16.00   | 15.95                           | 1.06                     | 101.16%                     | 0.211                       | 0.225                    | -  |
| WLAN 802.11b            | Ant8            | Right Tilt         | -                | 1             | 2412           | 2        | 16.00   | 15.95                           | 1.06                     | 101.16%                     | 0.320                       | 0.342                    | -  |
| WLAN 802.11b            | Ant8            | Left Touch         | -                | 1             | 2412           | 2        | 16.00   | 15.95                           | 1.06                     | 101.16%                     | 0.219                       | 0.234                    | -  |
| WLAN 802.11b            | Ant8            | Left Tilt          | -                | 1             | 2412           | 2        | 16.00   | 15.95                           | 1.06                     | 101.16%                     | 0.341                       | 0.364                    | -  |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power<br>scaling            | Measured                    | over 1g (W/kg) Reported  | ID |
| Bluetooth(GFSK)         | Ant8            | Right Touch        | -                | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.052                       | 0.070                    | -  |
| Bluetooth(GFSK)         | Ant8            | Right Tilt         | -                | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.103                       | 0.139                    | -  |
| Bluetooth(GFSK)         | Ant8            | Left Touch         | -                | 39            | 2441           | 2        | 15.00   | 14.86                           | 1.31                     | 103.28%                     | 0.061                       | 0.082                    | -  |
| Bluetooth(GFSK)  Mode   | Ant8<br>Antenna | Left Tilt Position | Distance (mm)    | 39<br>Channel | Freq.<br>(MHz) | 2<br>DSI | 15.00  Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | 1.31  Duty cycle scaling | 103.28%<br>Power<br>scaling | 0.112 Averaged SAR Measured | 0.151<br>over 1g (W/kg)  | ID |
| WLAN 802.11n(40M) 5.3G  | Ant8            | Right Touch        |                  | 54            | 5270           | 2        | 15.00   | 14.86                           | 1.02                     | 103.28%                     | 0.151                       | 0.159                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant8            | Right Tilt         | -                | 54            | 5270           | 2        | 15.00   | 14.86                           | 1.02                     | 103.28%                     | 0.145                       | 0.152                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant8            | Left Touch         | -                | 54            | 5270           | 2        | 15.00   | 14.86                           | 1.02                     | 103.28%                     | 0.232                       | 0.244                    | -  |
| WLAN 802.11n(40M) 5.3G  | Ant8            | Left Tilt          | -                | 54            | 5270           | 2        | 15.00   | 14.86                           | 1.02                     | 103.28%                     | 0.205                       | 0.215                    | -  |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               | Averaged SAR<br>Measured    | over 1g (W/kg)           | ID |
| WLAN 802.11ac(80M) 5.6G | Ant8            | Right Touch        | -                | 138           | 5690           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.133                       | 0.137                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant8            | Right Tilt         | -                | 138           | 5690           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.105                       | 0.108                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant8            | Left Touch         | -                | 138           | 5690           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.212                       | 0.218                    | -  |
| WLAN 802.11ac(80M) 5.6G | Ant8            | Left Tilt          | -                | 138           | 5690           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.186                       | 0.191                    | -  |
| Mode                    | Antenna         | Position           | Distance<br>(mm) | Channel       | Freq.<br>(MHz) | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling       | Power scaling               | Averaged SAR<br>Measured    | over 1g (W/kg) Reported  | ID |
| WLAN 802.11ac(80M) 5.8G | Ant8            | Right Touch        | -                | 155           | 5775           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.138                       | 0.142                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant8            | Right Tilt         | -                | 155           | 5775           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.111                       | 0.114                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant8            | Left Touch         | -                | 155           | 5775           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.238                       | 0.245                    | -  |
| WLAN 802.11ac(80M) 5.8G | Ant8            | Left Tilt          |                  | 155           | 5775           | 2        | 12.50   | 12.49                           | 1.03                     | 100.23%                     | 0.191                       | 0.197                    | -  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 525 of 939

### Head MIMO DSI1

| Mode   | Antenna          | Position                 | Distance         | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle         | Power         | Averaged SAR      | over 1g (W/kg)    | ID  |
|--|------------------|--------------------------|------------------|---------|----------------|-----|--|---------------------------------|--------------------|---------------|-------------------|-------------------|-----|
|  |                  |                          | (mm)             |         | (MHZ)          |     | Tolerance (dBm)                                    | (dBm)                           | scaling            | scaling       | Measured          | Reported          |     |
| WLAN 802.11b                                     | Ant7+8           | Right Touch              | -                | 6       | 2437           | 1   | 22.00  | 21.14                           | 1.06               | 121.81%       | 0.419             | 0.539             | -   |
| WLAN 802.11b                                     | Ant7+8           | Right Tilt               | -                | 6       | 2437           | 1   | 22.00  | 21.14                           | 1.06               | 121.81%       | 0.604             | 0.777             | 244 |
| WLAN 802.11b                                     | Ant7+8           | Left Touch               | -                | 6       | 2437           | 1   | 22.00  | 21.14                           | 1.06               | 121.81%       | 0.409             | 0.526             | -   |
| WLAN 802.11b                                     | Ant7+8           | Left Tilt                | -                | 6       | 2437           | 1   | 22.00  | 21.14                           | 1.06               | 121.81%       | 0.544             | 0.700             | -   |
| Mode   | Antenna          | Position                 | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling |                   | over 1g (W/kg)    | ID  |
| WLAN 802.11n(40M) 5.3G                           | Ant7+8           | Right Touch              |                  | 54      | 5270           | 1   | 21.00  | 20.20                           | 1.02               | 120.15%       | Measured<br>0.861 | Reported<br>1.052 | 245 |
| WLAN 802.11n(40M) 5.3G<br>WLAN 802.11n(40M) 5.3G | Ant7+8           | Right Touch              | -                | 62      | 5310           | 1   | 16.80  | 15.47                           | 1.02               | 135.89%       | 0.001             | 0.384             | 240 |
| . , ,  | Ant7+8           |                          | +                | 54      | 5270           | 1   | 21.00  | 20.20                           | 1.02               | 120.15%       | 0.278             | 0.389             |     |
| WLAN 802.11n(40M) 5.3G<br>WLAN 802.11n(40M) 5.3G | Ant7+8<br>Ant7+8 | Right Tilt<br>Left Touch | -                | 54      | 5270           | 1   | 21.00  | 20.20                           | 1.02               | 120.15%       | 0.318             | 0.389             | -   |
|  |                  |                          | -                |         |                |     |  |                                 |                    |               |                   |                   |     |
| WLAN 802.11n(40M) 5.3G                           | Ant7+8           | Left Tilt                | -                | 54      | 5270           | 1   | 21.00  | 20.20                           | 1.02               | 120.15%       | 0.394             | 0.481             | -   |
| Mode   | Antenna          | Position                 | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle scaling | Power scaling | Averaged SAR      | over 1g (W/kg)    | ID  |
|  |                  |                          | (mm)             |         | (IVITZ)        |     | Tolerance (dBm)                                    | (dBm)                           | scaling            | scanng        | Measured          | Reported          |     |
| WLAN 802.11ac(80M) 5.6G                          | Ant7+8           | Right Touch              | -                | 122     | 5610           | 1   | 18.50  | 17.45                           | 1.03               | 127.40%       | 0.491             | 0.642             | -   |
| WLAN 802.11ac(80M) 5.6G                          | Ant7+8           | Right Touch              | -                | 138     | 5690           | 1   | 18.50  | 17.58                           | 1.03               | 123.71%       | 0.677             | 0.860             | 246 |
| WLAN 802.11ac(80M) 5.6G                          | Ant7+8           | Right Tilt               | -                | 138     | 5690           | 1   | 18.50  | 17.58                           | 1.03               | 123.71%       | 0.119             | 0.151             | -   |
| WLAN 802.11ac(80M) 5.6G                          | Ant7+8           | Left Touch               | -                | 138     | 5690           | 1   | 18.50  | 17.58                           | 1.03               | 123.71%       | 0.259             | 0.329             | -   |
| WLAN 802.11ac(80M) 5.6G                          | Ant7+8           | Left Tilt                | -                | 138     | 5690           | 1   | 18.50  | 17.58                           | 1.03               | 123.71%       | 0.241             | 0.306             |     |
| Mode   | Antenna          | Position                 | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle scaling | Power scaling | Averaged SAR      | over 1g (W/kg)    | ID  |
|  |                  |                          | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                                    | (dBm)                           | scaling            | scaling       | Measured          | Reported          |     |
| WLAN 802.11ac(80M) 5.8G                          | Ant7+8           | Right Touch              | -                | 155     | 5775           | 1   | 18.50  | 17.99                           | 1.03               | 112.39%       | 0.577             | 0.666             | 247 |
| WLAN 802.11ac(80M) 5.8G                          | Ant7+8           | Right Tilt               | -                | 155     | 5775           | 1   | 18.50  | 17.99                           | 1.03               | 112.39%       | 0.113             | 0.130             | -   |
| WLAN 802.11ac(80M) 5.8G                          | Ant7+8           | Left Touch               | -                | 155     | 5775           | 1   | 18.50  | 17.99                           | 1.03               | 112.39%       | 0.249             | 0.287             | -   |
| WLAN 802.11ac(80M) 5.8G                          | Ant7+8           | Left Tilt                | -                | 155     | 5775           | 1   | 18.50  | 17.99                           | 1.03               | 112.39%       | 0.231             | 0.267             | -   |
|  |                  |                          |                  |         |                |     |  |                                 |                    |               |                   |                   |     |

# Head MIMO DSI2

| Mode                    | Antenna | Position    | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power            | Averaged SAR | over 1g (W/kg) | ID |
|-------------------------|---------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|-----------------------|------------------|--------------|----------------|----|
|                         |         |             | (mm)             |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  | scaling               | scaling          | Measured     | Reported       |    |
| WLAN 802.11b            | Ant7+8  | Right Touch |                  | 6       | 2437           | 2   | 19.00                           | 18.31                  | 1.06                  | 117.18%          | 0.205        | 0.254          | -  |
| WLAN 802.11b            | Ant7+8  | Right Tilt  | -                | 6       | 2437           | 2   | 19.00                           | 18.31                  | 1.06                  | 117.18%          | 0.300        | 0.371          | -  |
| WLAN 802.11b            | Ant7+8  | Left Touch  |                  | 6       | 2437           | 2   | 19.00                           | 18.31                  | 1.06                  | 117.18%          | 0.205        | 0.254          | -  |
| WLAN 802.11b            | Ant7+8  | Left Tilt   | ,                | 6       | 2437           | 2   | 19.00                           | 18.31                  | 1.06                  | 117.18%          | 0.271        | 0.335          | -  |
| Mode                    | Antenna | Position    | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling |              | over 1g (W/kg) | ID |
|                         |         |             | ()               |         | ` '            |     | Tolerance (dBm)                 | (dBm)                  | ŭ                     |                  | Measured     | Reported       |    |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Right Touch | -                | 54      | 5270           | 2   | 18.00                           | 17.26                  | 1.02                  | 118.61%          | 0.425        | 0.513          | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Right Tilt  | -                | 54      | 5270           | 2   | 18.00                           | 17.26                  | 1.02                  | 118.61%          | 0.142        | 0.171          | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Left Touch  | -                | 54      | 5270           | 2   | 18.00                           | 17.26                  | 1.02                  | 118.61%          | 0.176        | 0.212          | -  |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Left Tilt   | -                | 54      | 5270           | 2   | 18.00                           | 17.26                  | 1.02                  | 118.61%          | 0.165        | 0.199          | -  |
| Mode                    | Antenna | Position    | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | ID |
|                         |         |             | (11111)          |         | ` '            |     | Tolerance (dBm)                 | (dBm)                  | Scaling               | Scaling          | Measured     | Reported       |    |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Right Touch | -                | 138     | 5690           | 2   | 15.50                           | 14.58                  | 1.03                  | 123.50%          | 0.315        | 0.400          | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Right Tilt  | -                | 138     | 5690           | 2   | 15.50                           | 14.58                  | 1.03                  | 123.50%          | 0.068        | 0.086          | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Left Touch  | -                | 138     | 5690           | 2   | 15.50                           | 14.58                  | 1.03                  | 123.50%          | 0.137        | 0.174          | -  |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Left Tilt   | -                | 138     | 5690           | 2   | 15.50                           | 14.58                  | 1.03                  | 123.50%          | 0.122        | 0.155          | -  |
| Mode                    | Antenna | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | ID |
|                         |         |             | (11111)          |         | (IVII IZ)      |     | Tolerance (dBm)                 | (dBm)                  | scaning               | scaling          | Measured     | Reported       |    |
| WLAN 802.11ac(80M) 5.8G | Ant7+8  | Right Touch | ,                | 155     | 5775           | 2   | 15.50                           | 15.04                  | 1.03                  | 111.09%          | 0.280        | 0.319          | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7+8  | Right Tilt  |                  | 155     | 5775           | 2   | 15.50                           | 15.04                  | 1.03                  | 111.09%          | 0.045        | 0.051          | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7+8  | Left Touch  | ,                | 155     | 5775           | 2   | 15.50                           | 15.04                  | 1.03                  | 111.09%          | 0.114        | 0.130          | -  |
| WLAN 802.11ac(80M) 5.8G | Ant7+8  | Left Tilt   |                  | 155     | 5775           | 2   | 15.50                           | 15.04                  | 1.03                  | 111.09%          | 0.105        | 0.120          | -  |
|                         |         |             |                  |         |                |     |                                 |                        |                       |                  |              |                |    |

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Page: 526 of 939

Body-worn DSI0

| 30ay-worn_I  | DS10                   |                                      |                                 |                 |   |          |   |   |  |                                     |  |  |          |
|--|------------------------|--------------------------------------|---------------------------------|-----------------|---|----------|---|---|--|-------------------------------------|--|--|----------|
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.                                   | DSI      | Max. Rated Avg.<br>Power + Max.   | Measured<br>Avg. Power  | Duty cycle<br>scaling                      | Power<br>scaling                    |  | over 1g (W/kg)                                       | ID       |
|  |                        |                                      | ` ′                             | _               |   | _        | Tolerance (dBm)   | (dBm)   | , ,  | , and the second                    | Measured   | Reported   |          |
| WLAN 802.11b   | Ant7                   | Front Surface                        | 15                              | 6               | 2437                                    | 0        | 21.00   | 20.98   | 1.06                                       | 100.46%                             | 0.295  | 0.313  | 248      |
| WLAN 802.11b   | Ant7                   | Back Surface                         | 15                              | 6               | 2437                                    | 0        | 21.00   | 20.98   | 1.06                                       | 100.46%                             | 0.177  | 0.188  | -        |
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.                                   | DSI      | Max. Rated Avg.<br>Power + Max.   | Measured<br>Avg. Power  | Duty cycle<br>scaling                      | Power<br>scaling                    | -  | over 1g (W/kg)                                       | ID       |
|  |                        |                                      | ` '                             |                 | ` '                                     |          | Tolerance (dBm)   | (dBm)   | ű  | , ,                                 | Measured   | Reported   |          |
| Bluetooth(GFSK)  | Ant7                   | Front Surface                        | 15                              | 0               | 2402                                    | 0        | 18.00   | 17.46   | 1.31                                       | 113.24%                             | 0.071  | 0.105  | -        |
| Bluetooth(GFSK)  | Ant7                   | Front Surface                        | 15                              | 39              | 2441                                    | 0        | 18.00   | 17.57   | 1.31                                       | 110.41%                             | 0.078  | 0.113  | 249      |
| Bluetooth(GFSK)  | Ant7                   | Front Surface                        | 15                              | 78              | 2480                                    | 0        | 18.00   | 16.58   | 1.31                                       | 138.68%                             | 0.056  | 0.102  | -        |
| Bluetooth(GFSK)  | Ant7                   | Back Surface                         | 15                              | 39              | 2441                                    | 0        | 18.00   | 17.57   | 1.31                                       | 110.41%                             | 0.044  | 0.064  | -        |
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power<br>scaling                    | Averaged SAR<br>Measured                           | over 1g (W/kg)                                       | ID       |
| W/ AN 902 44-/40M) F 2C                                | A=47                   | Front Curfose                        | 15                              | 54              | 5270                                    | 0        | 20.50   | , ,   | 1.02                                       | 400 220/                            |  |  |          |
| WLAN 802.11n(40M) 5.3G<br>WLAN 802.11n(40M) 5.3G       | Ant7<br>Ant7           | Front Surface<br>Back Surface        | 15<br>15                        | 54<br>54        | 5270                                    | 0        | 20.50   | 20.49   | 1.02                                       | 100.23%<br>100.23%                  | 0.110<br>0.234                                     | 0.112<br>0.239                                       | 250      |
| WEAN 602.1111(40W) 5.3G                                | AIII/                  | Dack Surface                         | 15                              | 54              | 5270                                    | U        |   |   | 1.02                                       | 100.23%                             | 0.234  | 0.239  | 250      |
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle<br>scaling                      | Power scaling                       | Averaged SAR<br>Measured                           | over 1g (W/kg) Reported                              | ID       |
| WLAN 802.11ac(80M) 5.6G                                | Ant7                   | Front Surface                        | 15                              | 138             | 5690                                    | 0        | 20.50   | 20.45   | 1.03                                       | 101.16%                             | 0.357  | 0.371  | -        |
| WLAN 802.11ac(80M) 5.6G                                | Ant7                   | Back Surface                         | 15                              | 138             | 5690                                    | 0        | 20.50   | 20.45   | 1.03                                       | 101.16%                             | 0.630  | 0.655  | 251      |
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.   | Measured<br>Avg. Power  | Duty cycle<br>scaling                      | Power<br>scaling                    |  | over 1g (W/kg)                                       | ID       |
|  |                        |                                      | ` ′                             |                 | ` '                                     |          | Tolerance (dBm)   | (dBm)   | , ,  |                                     | Measured   | Reported   |          |
| WLAN 802.11a 5.8G                                      | Ant7                   | Front Surface                        | 15                              | 149             | 5745                                    | 0        | 21.50   | 21.21   | 1.04                                       | 106.91%                             | 0.462  | 0.515  | -        |
| WLAN 802.11a 5.8G                                      | Ant7                   | Back Surface                         | 15                              | 149             | 5745                                    | 0        | 21.50   | 21.21   | 1.04                                       | 106.91%                             | 0.581  | 0.647  | 252      |
| Mode   | Antenna                | Position                             | Distance<br>(mm)                | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power<br>scaling                    | Averaged SAR<br>Measured                           | over 1g (W/kg)<br>Reported                           | ID       |
| WLAN 802.11b   | Ant8                   | Front Surface                        | 15                              | 6               | 2437                                    | 0        | 21.00   | 20.44   | 1.06                                       | 113.76%                             | 0.112  | 0.135  | 253      |
| WLAN 802.11b   | Ant8                   | Back Surface                         | 15                              | 6               | 2437                                    | 0        | 21.00   | 20.44   | 1.06                                       | 113.76%                             | 0.093  | 0.111  | -        |
| Mode   | Antenna                | Position                             | Distance (mm)                   | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power scaling                       |  | over 1g (W/kg)                                       | ID       |
| Bluetooth(GFSK)  | Ant8                   | Front Surface                        | 15                              | 0               | 2402                                    | 0        | #REF!   | #REF!   | 1.31                                       | #REF!                               | 0.033  | #REF!  | -        |
| Bluetooth(GFSK)  | Ant8                   | Front Surface                        | 15                              | 39              | 2441                                    | 0        | #REF!   | #REF!   | 1.31                                       | #REF!                               | 0.041  | #REF!  | 254      |
| Bluetooth(GFSK)  | Ant8                   | Front Surface                        | 15                              | 78              | 2480                                    | 0        | #REF!   | #REF!   | 1.31                                       | #REF!                               | 0.028  | #REF!  | -        |
| Bluetooth(GFSK)  | Ant8                   | Back Surface                         | 15                              | 39              | 2441                                    | 0        | #REF!   | #REF!   | 1.31                                       | #REF!                               | 0.032  | #REF!  | -        |
| Mode   | Antenna                | Position                             | Distance (mm)                   | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power scaling                       | Averaged SAR<br>Measured                           | over 1g (W/kg)                                       | ID       |
| WLAN 802.11n(40M) 5.3G                                 | Ant8                   | Front Surface                        | 15                              | 54              | 5270                                    | 0        | 20.50   | 20.48   | 1.02                                       | 100.46%                             | 0.127  | 0.130  |          |
| ,  |                        |                                      |                                 |                 |   |          |   |   |  |                                     |  |  | 255      |
| WLAN 802.11n(40M) 5.3G                                 | Ant8                   | Back Surface                         | 15                              | 54              | 5270                                    | 0        | 20.50   | 20.48   | 1.02                                       | 100.46%                             | 0.297  | 0.303  | 255      |
| WLAN 802.11n(40M) 5.3G<br>Mode                         |                        |                                      |                                 | 54<br>Channel   | 5270<br>Freq.<br>(MHz)                  | 0<br>DSI | Max. Rated Avg.<br>Power + Max.   | Measured<br>Avg. Power  | Duty cycle                                 | Power                               | Averaged SAR                                       | over 1g (W/kg)                                       | ID       |
| Mode   | Ant8<br>Antenna        | Back Surface Position                | Distance (mm)                   | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power scaling                       | Averaged SAR<br>Measured                           | over 1g (W/kg)<br>Reported                           | ID       |
| Mode WLAN 802.11ac(80M) 5.6G                           | Ant8 Antenna Ant8      | Position Front Surface               | Distance (mm)                   | Channel         | Freq.<br>(MHz)<br>5690                  | DSI 0    | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>20.50                           | Measured<br>Avg. Power<br>(dBm)<br>20.48                                    | Duty cycle<br>scaling                      | Power<br>scaling<br>100.46%         | Averaged SAR<br>Measured<br>0.331                  | over 1g (W/kg) Reported 0.342                        | ID<br>-  |
| Mode   | Ant8<br>Antenna        | Back Surface Position                | Distance (mm)                   | Channel         | Freq.<br>(MHz)                          | DSI      | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)                                    | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling                         | Power scaling                       | Averaged SAR<br>Measured                           | over 1g (W/kg)<br>Reported                           | ID       |
| Mode WLAN 802.11ac(80M) 5.6G                           | Ant8 Antenna Ant8      | Position Front Surface               | Distance (mm)                   | Channel         | Freq.<br>(MHz)<br>5690                  | DSI 0    | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>20.50                           | Measured<br>Avg. Power<br>(dBm)<br>20.48                                    | Duty cycle<br>scaling                      | Power<br>scaling<br>100.46%         | Averaged SAR Measured 0.331 0.610                  | over 1g (W/kg) Reported 0.342                        | ID<br>-  |
| Mode  WLAN 802.11ac(80M) 5.6G  WLAN 802.11ac(80M) 5.6G | Ant8 Antenna Ant8 Ant8 | Position  Front Surface Back Surface | Distance (mm)  15  15  Distance | Channel 138 138 | Freq.<br>(MHz)<br>5690<br>5690<br>Freq. | DSI 0 0  | Max. Rated Avg. Power + Max. Tolerance (dBm) 20.50 20.50 Max. Rated Avg. Power + Max. | Measured<br>Avg. Power<br>(dBm)<br>20.48<br>20.48<br>Measured<br>Avg. Power | Duty cycle scaling  1.03  1.03  Duty cycle | Power scaling 100.46% 100.46% Power | Averaged SAR  Measured  0.331  0.610  Averaged SAR | over 1g (W/kg)  Reported 0.342 0.629  over 1g (W/kg) | ID - 256 |

Body-worn DSI3

| Mode              | Antenna | Position      | Distance (mm)    | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR over 1g (W/kg) |          | ID |
|-------------------|---------|---------------|------------------|---------|----------------|-----|--|---------------------------------|--------------------|---------------|-----------------------------|----------|----|
|                   |         |               |                  |         |                |     |  |                                 |                    |               | Measured                    | Reported |    |
| WLAN 802.11a 5.8G | Ant7    | Front Surface | 15               | 149     | 5745           | 3   | 20.00  | 19.86                           | 1.04               | 103.28%       | 0.341                       | 0.367    | -  |
| WLAN 802.11a 5.8G | Ant7    | Back Surface  | 15               | 149     | 5745           | 3   | 20.00  | 19.86                           | 1.04               | 103.28%       | 0.428                       | 0.461    | -  |
| Mode              | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle         |               | Averaged SAR over 1g (W/kg) |          | ID |
|                   |         |               | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                                    | (dBm)                           | scaling            | scaling       | Measured                    | Reported |    |
| WLAN 802.11a 5.8G | Ant8    | Front Surface | 15               | 149     | 5745           | 3   | 20.00  | 19.92                           | 1.04               | 101.86%       | 0.128                       | 0.136    | -  |
| WLAN 802.11a 5.8G | Ant8    | Back Surface  | 15               | 149     | 5745           | 3   | 20.00  | 19.92                           | 1.04               | 101.86%       | 0.582                       | 0.618    | -  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 527 of 939

Body-MIMO DSI0

| Mode                    | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power         | Averaged SAR over 1g (W/kg) |                | ID  |
|-------------------------|---------|---------------|------------------|---------|----------------|-----|--|---------------------------------|-----------------------|---------------|-----------------------------|----------------|-----|
| wode                    | Antenna | Position      |                  |         |                |     |  |                                 |                       | scaling       | Measured                    | Reported       | ID. |
| WLAN 802.11b            | Ant7+8  | Front Surface | 15               | 6       | 2437           | 0   | 24.00  | 22.66                           | 1.06                  | 136.04%       | 0.149                       | 0.214          | 258 |
| WLAN 802.11b            | Ant7+8  | Back Surface  | 15               | 6       | 2437           | 0   | 24.00  | 22.66                           | 1.06                  | 136.04%       | 0.103                       | 0.148          | -   |
| Mode                    | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle<br>scaling | Power scaling | Averaged SAR                | over 1g (W/kg) | ID  |
|                         |         |               | (11111)          |         | (IVITZ)        |     | Tolerance (dBm)                                    | (dBm)                           | scanng                | scanng        | Measured Reported           | Reported       |     |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Front Surface | 15               | 54      | 5270           | 0   | 23.50  | 22.39                           | 1.02                  | 129.17%       | 0.175                       | 0.230          | -   |
| WLAN 802.11n(40M) 5.3G  | Ant7+8  | Back Surface  | 15               | 54      | 5270           | 0   | 23.50  | 22.39                           | 1.02                  | 129.17%       | 0.258                       | 0.339          | 259 |
| Mode                    | Antenna | Position      | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle            | Power         | Averaged SAR                | over 1g (W/kg) | ID  |
|                         |         |               | (mm)             |         | (MHz)          |     | Tolerance (dBm)                                    | (dBm)                           | scaling               | scaling       | Measured                    | Reported       |     |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Front Surface | 15               | 138     | 5690           | 0   | 23.50  | 23.21                           | 1.03                  | 106.89%       | 0.135                       | 0.148          | -   |
| WLAN 802.11ac(80M) 5.6G | Ant7+8  | Back Surface  | 15               | 138     | 5690           | 0   | 23.50  | 23.21                           | 1.03                  | 106.89%       | 0.621                       | 0.682          | 260 |
| Mode                    | Antenna | Position      | Distance         | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle            | Power         | Averaged SAR                | over 1g (W/kg) | ID  |
|                         |         |               | (mm)             |         | (MHz)          |     | Tolerance (dBm)                                    | (dBm)                           | scaling               | scaling       | Measured                    | Reported       |     |
| WLAN 802.11a 5.8G       | Ant7+8  | Front Surface | 15               | 149     | 5745           | 0   | 24.50  | 23.83                           | 1.04                  | 116.79%       | 0.207                       | 0.252          | -   |
| WLAN 802.11a 5.8G       | Ant7+8  | Back Surface  | 15               | 149     | 5745           | 0   | 24.50  | 23.83                           | 1.04                  | 116.79%       | 0.772                       | 0.939          | 261 |

Body-MIMO DSI3

|   | ,    |                |         |               |          |         |       |                 |                                 |                        |            |                  |                             |       |    |
|---|------|----------------|---------|---------------|----------|---------|-------|-----------------|---------------------------------|------------------------|------------|------------------|-----------------------------|-------|----|
|   | _    | Mode           | Antenna | Position      | Distance | Channel | Freq. | DSI             | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle | Power<br>scaling | Averaged SAR over 1g (W/kg) |       | ID |
|   |      |                |         | (mm)          |          | (MHz)   |       | Tolerance (dBm) | (dBm)                           | scaling                | scaling    | Measured         | Reported                    |       |    |
| F | WLAN | 802.11a 5.8G   | Ant7+8  | Front Surface | 15       | 149     | 5745  | 3               | 23.00                           | 22.42                  | 1.04       | 114.22%          | 0.170                       | 0.202 | -  |
| Г | WLAN | J 802 11a 5 8G | Ant7+8  | Back Surface  | 15       | 149     | 5745  | 3               | 23.00                           | 22.42                  | 1.04       | 114 22%          | 0.615                       | 0.732 |    |

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Page: 528 of 939

# Hotspot

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|------------------------|---------|---------------|------------------|---------|----------------|-----|--|---------------------------------|--------------------|---------------|--------------------------|--------------------------|-----|
| Mode                   | Antenna | Position      | Distance (mm)    | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg)           | ID  |
| WLAN 802.11b           | Ant7    | Front Surface | 10               | 6       | 2437           | 4   | 18.00  | 17.98                           | 1.06               | 100.46%       | 0.118                    | 0.125                    |     |
| WLAN 802.11b           | Ant7    | Back Surface  | 10               | 6       | 2437           | 4   | 18.00  | 17.98                           | 1.06               | 100.46%       | 0.102                    | 0.108                    |     |
| WLAN 802.11b           | Ant7    | Top Edge      | 10               | 6       | 2437           | 4   | 18.00  | 17.98                           | 1.06               | 100.46%       | 0.022                    | 0.023                    | -   |
| WLAN 802.11b           | Ant7    | Left Edge     | 10               | 6       | 2437           | 4   | 18.00  | 17.98                           | 1.06               | 100.46%       | 0.382                    | 0.405                    | 262 |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling |                          | over 1g (W/kg)           | ID  |
| Bluetooth(GFSK)        | Ant7    | Front Surface | 10               | 39      | 2441           | 4   | 18.00  | 17.57                           | 1.31               | 110.41%       | 0.076                    | 0.110                    | -   |
| Bluetooth(GFSK)        | Ant7    | Back Surface  | 10               | 39      | 2441           | 4   | 18.00  | 17.57                           | 1.31               | 110.41%       | 0.048                    | 0.069                    | -   |
| Bluetooth(GFSK)        | Ant7    | Top Edge      | 10               | 39      | 2441           | 4   | 18.00  | 17.57                           | 1.31               | 110.41%       | 0.020                    | 0.029                    | -   |
| Bluetooth(GFSK)        | Ant7    | Left Edge     | 10               | 39      | 2441           | 4   | 18.00  | 17.57                           | 1.31               | 110.41%       | 0.204                    | 0.295                    | 263 |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg)           | ID  |
| WLAN 802.11n(40M) 5.2G | Ant7    | Front Surface | 10               | 46      | 5230           | 4   | 20.50  | 20.48                           | 1.02               | 100.46%       | 0.156                    | 0.159                    | -   |
| WLAN 802.11n(40M) 5.2G | Ant7    | Back Surface  | 10               | 46      | 5230           | 4   | 20.50  | 20.48                           | 1.02               | 100.46%       | 0.183                    | 0.187                    | 264 |
| WLAN 802.11n(40M) 5.2G | Ant7    | Top Edge      | 10               | 46      | 5230           | 4   | 20.50  | 20.48                           | 1.02               | 100.46%       | 0.026                    | 0.027                    | -   |
| WLAN 802.11n(40M) 5.2G | Ant7    | Left Edge     | 10               | 46      | 5230           | 4   | 20.50  | 20.48                           | 1.02               | 100.46%       | 0.119                    | 0.122                    | -   |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg) Reported  | ID  |
| WLAN 802.11n(40M) 5.8G | Ant7    | Front Surface | 10               | 151     | 5755           | 4   | 17.00  | 16.98                           | 1.02               | 100.46%       | 0.177                    | 0.181                    | -   |
| WLAN 802.11n(40M) 5.8G | Ant7    | Back Surface  | 10               | 151     | 5755           | 4   | 17.00  | 16.98                           | 1.02               | 100.46%       | 0.228                    | 0.233                    | 265 |
| WLAN 802.11n(40M) 5.8G | Ant7    | Top Edge      | 10               | 151     | 5755           | 4   | 17.00  | 16.98                           | 1.02               | 100.46%       | 0.012                    | 0.012                    | -   |
| WLAN 802.11n(40M) 5.8G | Ant7    | Left Edge     | 10               | 151     | 5755           | 4   | 17.00  | 16.98                           | 1.02               | 100.46%       | 0.149                    | 0.152                    | -   |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg)           | ID  |
| WLAN 802.11b           | Ant8    | Front Surface | 10               | 6       | 2437           | 4   | 18.00  | 17.99                           | 1.06               | 100.23%       | 0.125                    | 0.132                    | -   |
| WLAN 802.11b           | Ant8    | Back Surface  | 10               | 6       | 2437           | 4   | 18.00  | 17.99                           | 1.06               | 100.23%       | 0.099                    | 0.105                    | -   |
| WLAN 802.11b           | Ant8    | Top Edge      | 10               | 6       | 2437           | 4   | 18.00  | 17.99                           | 1.06               | 100.23%       | 0.181                    | 0.192                    | 266 |
| WLAN 802.11b           | Ant8    | Right Edge    | 10               | 6       | 2437           | 4   | 18.00  | 17.99                           | 1.06               | 100.23%       | 0.012                    | 0.013                    | -   |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg)           | ID  |
| Bluetooth(GFSK)        | Ant8    | Front Surface | 10               | 39      | 2441           | 4   | #REF!  | #REF!                           | 1.31               | #REF!         | 0.064                    | #REF!                    | -   |
| Bluetooth(GFSK)        | Ant8    | Back Surface  | 10               | 39      | 2441           | 4   | #REF!  | #REF!                           | 1.31               | #REF!         | 0.055                    | #REF!                    |     |
| Bluetooth(GFSK)        | Ant8    | Top Edge      | 10               | 39      | 2441           | 4   | #REF!  | #REF!                           | 1.31               | #REF!         | 0.078                    | #REF!                    | 267 |
| Bluetooth(GFSK)        | Ant8    | Right Edge    | 10               | 39      | 2441           | 4   | #REF!  | #REF!                           | 1.31               | #REF!         | 0.009                    | #REF!                    | -   |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg)  Reported | ID  |
| WLAN 802.11n(40M) 5.2G | Ant8    | Front Surface | 10               | 46      | 5230           | 4   | 20.50  | 20.49                           | 1.02               | 100.23%       | 0.104                    | 0.106                    | -   |
| WLAN 802.11n(40M) 5.2G | Ant8    | Back Surface  | 10               | 46      | 5230           | 4   | 20.50  | 20.49                           | 1.02               | 100.23%       | 0.225                    | 0.229                    | -   |
| WLAN 802.11n(40M) 5.2G | Ant8    | Top Edge      | 10               | 46      | 5230           | 4   | 20.50  | 20.49                           | 1.02               | 100.23%       | 0.273                    | 0.278                    | 268 |
| WLAN 802.11n(40M) 5.2G | Ant8    | Right Edge    | 10               | 46      | 5230           | 4   | 20.50  | 20.49                           | 1.02               | 100.23%       | 0.122                    | 0.124                    | -   |
| Mode                   | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling | Power scaling | Averaged SAR<br>Measured | over 1g (W/kg) Reported  | ID  |
| WLAN 802.11n(40M) 5.8G | Ant8    | Front Surface | 10               | 151     | 5755           | 4   | 17.00  | 16.95                           | 1.02               | 101.16%       | 0.050                    | 0.051                    | -   |
| WLAN 802.11n(40M) 5.8G | Ant8    | Back Surface  | 10               | 151     | 5755           | 4   | 17.00  | 16.95                           | 1.02               | 101.16%       | 0.408                    | 0.420                    | 269 |
| WLAN 802.11n(40M) 5.8G | Ant8    | Top Edge      | 10               | 151     | 5755           | 4   | 17.00  | 16.95                           | 1.02               | 101.16%       | 0.345                    | 0.355                    | -   |
| WLAN 802.11n(40M) 5.8G | Ant8    | Right Edge    | 10               | 151     | 5755           | 4   | 17.00  | 16.95                           | 1.02               | 101.16%       | 0.155                    | 0.159                    | -   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 529 of 939

Hotspot MIMO

| Mode                    | Antenna | Position      | Distance | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle         | Power            | Averaged SAR | over 1g (W/kg) | ID  |
|-------------------------|---------|---------------|----------|---------|----------------|-----|---------------------------------|------------------------|--------------------|------------------|--------------|----------------|-----|
|                         |         |               | (mm)     |         | (MHz)          |     | Tolerance (dBm)                 | (dBm)                  | scaling            | scaling          | Measured     | Reported       |     |
| WLAN 802.11b            | Ant7+8  | Front Surface | 10       | 6       | 2437           | 4   | 21.00                           | 20.55                  | 1.06               | 111.02%          | 0.168        | 0.197          | -   |
| WLAN 802.11b            | Ant7+8  | Back Surface  | 10       | 6       | 2437           | 4   | 21.00                           | 20.55                  | 1.06               | 111.02%          | 0.105        | 0.123          | -   |
| WLAN 802.11b            | Ant7+8  | Top Edge      | 10       | 6       | 2437           | 4   | 21.00                           | 20.55                  | 1.06               | 111.02%          | 0.211        | 0.247          | -   |
| WLAN 802.11b            | Ant7+8  | Left Edge     | 10       | 6       | 2437           | 4   | 21.00                           | 20.55                  | 1.06               | 111.02%          | 0.289        | 0.339          | 270 |
| WLAN 802.11b            | Ant7+8  | Right Edge    | 10       | 6       | 2437           | 4   | 21.00                           | 20.55                  | 1.06               | 111.02%          | 0.020        | 0.023          | -   |
| Mode                    | Antenna | Position      | Distance | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle scaling | Power            | Averaged SAR | over 1g (W/kg) | ID  |
|                         |         |               | (mm)     |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  | scaling            | scaling          | Measured     | Reported       |     |
| WLAN 802.11n(40M) 5.2G  | Ant7+8  | Front Surface | 10       | 46      | 5230           | 4   | 23.50                           | 22.45                  | 1.02               | 127.36%          | 0.232        | 0.300          | -   |
| WLAN 802.11n(40M) 5.2G  | Ant7+8  | Back Surface  | 10       | 46      | 5230           | 4   | 23.50                           | 22.45                  | 1.02               | 127.36%          | 0.274        | 0.355          | 271 |
| WLAN 802.11n(40M) 5.2G  | Ant7+8  | Top Edge      | 10       | 46      | 5230           | 4   | 23.50                           | 22.45                  | 1.02               | 127.36%          | 0.214        | 0.277          | -   |
| WLAN 802.11n(40M) 5.2G  | Ant7+8  | Left Edge     | 10       | 46      | 5230           | 4   | 23.50                           | 22.45                  | 1.02               | 127.36%          | 0.195        | 0.253          | -   |
| WLAN 802.11n(40M) 5.2G  | Ant7+8  | Right Edge    | 10       | 46      | 5230           | 4   | 23.50                           | 22.45                  | 1.02               | 127.36%          | 0.251        | 0.325          | -   |
| Mode                    | Antenna | Position      | Distance | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | ID  |
|                         |         |               | (mm)     |         | (IVITZ)        |     | Tolerance (dBm)                 | (dBm)                  | scaling            | scaling          | Measured     | Reported       |     |
| WLAN 802.11n(40M) 5.8G  | Ant7+8  | Front Surface | 10       | 151     | 5755           | 4   | 20.00                           | 19.52                  | 1.02               | 111.71%          | 0.173        | 0.197          | -   |
| WLAN 802.11n(40M) 5.8G  | Ant7+8  | Back Surface  | 10       | 151     | 5755           | 4   | 20.00                           | 19.52                  | 1.02               | 111.71%          | 0.350        | 0.398          | 272 |
| WLAN 802.11n(40M) 5.8G  | Ant7+8  | Top Edge      | 10       | 151     | 5755           | 4   | 20.00                           | 19.52                  | 1.02               | 111.71%          | 0.160        | 0.182          | -   |
| WLAN 802.11n(40M) 5.8G  | Ant7+8  | Left Edge     | 10       | 151     | 5755           | 4   | 20.00                           | 19.52                  | 1.02               | 111.71%          | 0.155        | 0.176          | -   |
| WI AN 802 11n(40M) 5.8G | Ant7+8  | Right Edge    | 10       | 151     | 5755           | 4   | 20.00                           | 19.52                  | 1.02               | 111.71%          | 0.175        | 0.199          | -   |

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Page: 530 of 939

# WIFI6E Head DSI1

| Mode  | Antenna   | Position  | Distance<br>(mm)   | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.   | Measured<br>Avg. Power  | Duty cycle<br>scaling   | Power<br>scaling  | Averaged SAR   | over 1g (W/kg)  | Estimated APD   | W/m^2 (4cm^2)  | ID                                       |
|---|---|---|--|---|--|---|---|---|---|---|--|---|---|--|--|
|   |   |   | ()   |   | ` '  |   | Tolerance (dBm)   | (dBm)   | odding  | boding  | Measured   | Reported  | Measured  | Reported   |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Right Touch   | -  | 31  | 6105   | 1   | 14.00   | 13.99   | 1.02  | 100.23%   | 0.581  | 0.595   | 4.31  | 4.415  | 273                                      |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Right Touch   | -  | 63  | 6265   | 1   | 14.00   | 14.48   | 1.02  | 89.54%  | 0.442  | 0.404   | 3.15  | 2.882  | -  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Right Tilt  | -  | 31  | 6105   | 1   | 14.00   | 13.99   | 1.02  | 100.23%   | 0.086  | 0.088   | 0.764   | 0.783  | -  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Right Tilt  | -  | 63  | 6265   | 1   | 14.00   | 14.48   | 1.02  | 89.54%  | 0.056  | 0.051   | 0.482   | 0.441  | -  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Left Touch  | -  | 31  | 6105   | 1   | 14.00   | 13.99   | 1.02  | 100.23%   | 0.282  | 0.289   | 3.56  | 3.647  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Left Touch  | -  | 63  | 6265   | 1   | 14.00   | 14.48   | 1.02  | 89.54%  | 0.198  | 0.181   | 2.48  | 2.269  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Left Tilt   | _  | 31  | 6105   | 1   | 14.00   | 13.99   | 1.02  | 100.23%   | 0.034  | 0.035   | 0.579   | 0.593  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant7  | Left Tilt   |  | 63  | 6265   | 1   | 14.00   | 14.48   | 1.02  | 89.54%  | 0.015  | 0.014   | 0.256   | 0.234  |  |
| U-NII-5 6.2GHZ 802.11De(320M)   | Antr  | Left Hit  |  | 0.3   | 0200   | '   | 14.00   | 14.48   | 1.02  | 89.54%  | 0.015  | 0.014   | 0.256   | 0.234  |  |
| Mode  | Antenna   | Position  | Distance<br>(mm)   | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling  | Power scaling   | Averaged SAR<br>Measured   | over 1g (W/kg)  | Estimated APD<br>Measured   | W/m^2 (4cm^2)<br>Reported  | ID                                       |
| U-NII-6 6.5GHz 802.11be(320M)   | Ant7  | Dista Tours   |  | 95  | 6425   | 1   | 16.00   | 15.95   | 1.02  | 404.400/  | 0.554  | 0.573   | 4.14  | 4.280  | 274                                      |
|   |   | Right Touch   | -  |   |  | 1   |   |   |   | 101.16%   |  |   |   |  | 2/4                                      |
| U-NII-6 6.5GHz 802.11be(320M)   | Ant7  | Right Tilt  | -  | 95  | 6425   |   | 16.00   | 15.95   | 1.02  | 101.16%   | 0.045  | 0.047   | 0.353   | 0.365  |  |
| U-NII-6 6.5GHz 802.11be(320M)   | Ant7  | Left Touch  | -  | 95  | 6425   | 1   | 16.00   | 15.95   | 1.02  | 101.16%   | 0.249  | 0.257   | 3.09  | 3.195  | -  |
| U-NII-6 6.5GHz 802.11be(320M)   | Ant7  | Left Tilt   | -  | 95  | 6425   | 1   | 16.00   | 15.95   | 1.02  | 101.16%   | 0.048  | 0.050   | 0.357   | 0.369  | -  |
| Mode  | Antenna   | Position  | Distance<br>(mm)   | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling  | Power scaling   | Averaged SAR<br>Measured   | over 1g (W/kg)  | Estimated APD Measured  | W/m^2 (4cm^2)<br>Reported  | ID                                       |
| U-NII-7 6.7GHz 802.11be(320M)   | Ant7  | Right Touch   | -  | 127   | 6585   | 1   | 17.00   | 16.98   | 1.02  | 100.46%   | 0.568  | 0.583   | 4.09  | 4.199  | 275                                      |
| U-NII-7 6.7GHz 802.11be(320M)   | Ant7  |   | -  | 127   | 6585   | 1   | 17.00   | 16.98   | 1.02  | 100.46%   | 0.056  | 0.057   | 0.442   | 0.454  | - 215                                    |
|   |   | Right Tilt  | -  |   |  | 1   |   |   |   |   |  |   |   |  |  |
| U-NII-7 6.7GHz 802.11be(320M)   | Ant7  | Left Touch  |  | 127   | 6585   |   | 17.00   | 16.98   | 1.02  | 100.46%   | 0.345  | 0.354   | 3.42  | 3.511  |  |
| U-NII-7 6.7GHz 802.11be(320M)   | Ant7  | Left Tilt   | -  | 127   | 6585   | 1   | 17.00   | 16.98   | 1.02  | 100.46%   | 0.052  | 0.053   | 0.39  | 0.400  |  |
| Mode  | Antenna   | Position  | Distance<br>(mm)   | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling  | Power scaling   | Averaged SAR<br>Measured   | over 1g (W/kg)  | Estimated APD<br>Measured   | W/m^2 (4cm^2)<br>Reported  | ID                                       |
| U-NII-8 7.0GHz 802.11be(320M)   | A-47  | Dieba Terreb  |  | 191   | 6905   | 1   | , ,   |   | 1.02  | 100.23%   | 0.579  | 0.593   | 3.58  |  | 276                                      |
|   | Ant7  | Right Touch   | -  |   |  |   | 17.00   | 16.99   |   |   | 0.0.0  |   |   | 3.667  | 2/6                                      |
| U-NII-8 7.0GHz 802.11be(320M)   | Ant7  | Right Tilt  | -  | 191   | 6905   | 1   | 17.00   | 16.99   | 1.02  | 100.23%   | 0.100  | 0.102   | 0.439   | 0.450  | -  |
| U-NII-8 7.0GHz 802.11be(320M)   | Ant7  | Left Touch  | -  | 191   | 6905   | 1   | 17.00   | 16.99   | 1.02  | 100.23%   | 0.443  | 0.454   | 2.89  | 2.960  | -  |
| U-NII-8 7.0GHz 802.11be(320M)   | Ant7  | Left Tilt   | -  | 191   | 6905   | 1   | 17.00   | 16.99   | 1.02  | 100.23%   | 0.055  | 0.056   | 0.281   | 0.288  | -  |
|   |   |   |  |   |  |   |   |   |   |   |  |   |   |  |  |
| Mode  | Antenna   | Position  | Distance<br>(mm)   | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | Measured<br>Avg. Power<br>(dBm)   | Duty cycle<br>scaling   | Power scaling   | Averaged SAR<br>Measured   | over 1g (W/kg)  | Estimated APD<br>Measured   | W/m^2 (4cm^2)  | ID                                       |
|   |   |   |  |   |  |   |   | ()  |   |   |  | -   |   |  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   | Right Touch   | -  | 31  | 6105   | 1   | 14.00   | 13.98   | 1.02  | 100.46%   | 0.426  | 0.437   | 3.18  | 3.265  | -  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   | Right Touch   | -  | 63  | 6265   | 1   | 14.00   | 13.98   | 1.02  | 100.46%   | 0.335  | 0.344   | 2.45  | 2.515  | -  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   |   |  |   |  |   | 14.00   |   | 1.02  | 100.46%   | 0.358  | 0.368   |   | 2.454  | -  |
|   |   | Right Tilt  | -  | 31  | 6105   | 1   | 14.00   | 13.98   |   |   |  | 0.300   | 2.39  | 2.454  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   | Right Tilt<br>Right Tilt  | -  | 63  | 6105<br>6265   | 1   | 14.00   | 13.98   | 1.02  | 100.46%   | 0.289  | 0.308   | 1.91  | 1.961  | -  |
| , ,   | Ant 8   | Right Tilt  |  |   |  |   | 14.00   | 13.98   | 1.02  |   |  |   |   | 1.961  |  |
| U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   | Right Tilt<br>Left Touch  |  | 63<br>31  | 6265<br>6105   | 1   | 14.00<br>14.00  | 13.98<br>13.98  | 1.02  | 100.46%   | 0.289  | 0.297   | 1.91  | 1.961<br>2.916   |  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)  | Ant 8<br>Ant 8  | Right Tilt<br>Left Touch<br>Left Touch  |  | 63<br>31<br>63  | 6265<br>6105<br>6265   | 1 1 1   | 14.00<br>14.00<br>14.00   | 13.98<br>13.98<br>13.98   | 1.02<br>1.02<br>1.02  | 100.46%<br>100.46%  | 0.289<br>0.437<br>0.322  | 0.297<br>0.449<br>0.331   | 1.91<br>2.84<br>2.09  | 1.961<br>2.916<br>2.146  | -  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)   | Ant 8<br>Ant 8<br>Ant 8   | Right Tilt Left Touch Left Touch Left Tilt  | -  | 63<br>31<br>63<br>31  | 6265<br>6105<br>6265<br>6105   | 1 1 1 1   | 14.00<br>14.00<br>14.00<br>14.00  | 13.98<br>13.98<br>13.98<br>13.98  | 1.02<br>1.02<br>1.02<br>1.02  | 100.46%<br>100.46%<br>100.46%   | 0.289<br>0.437<br>0.322<br>0.492   | 0.297<br>0.449<br>0.331<br>0.505  | 1.91<br>2.84<br>2.09<br>3.02  | 1.961<br>2.916<br>2.146<br>3.101   | -<br>-<br>277                            |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)  | Ant 8<br>Ant 8  | Right Tilt<br>Left Touch<br>Left Touch  |  | 63<br>31<br>63  | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq.  | 1 1 1   | 14.00<br>14.00<br>14.00   | 13.98<br>13.98<br>13.98   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle  | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power   | 0.289<br>0.437<br>0.322<br>0.492<br>0.355  | 0.297<br>0.449<br>0.331   | 1.91<br>2.84<br>2.09<br>3.02<br>2.05  | 1.961<br>2.916<br>2.146  | -  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)   | Ant 8<br>Ant 8<br>Ant 8<br>Ant 8  | Right Tilt Left Touch Left Touch Left Tilt Left Tilt  | -  | 63<br>31<br>63<br>31<br>63  | 6265<br>6105<br>6265<br>6105<br>6265   | 1 1 1 1 1 1   | 14.00<br>14.00<br>14.00<br>14.00<br>14.00<br>Max. Rated Avg.  | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02  | 100.46%<br>100.46%<br>100.46%<br>100.46%  | 0.289<br>0.437<br>0.322<br>0.492<br>0.355<br>Averaged SAR  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)   | 1.91<br>2.84<br>2.09<br>3.02<br>2.05<br>Estimated APD   | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)   | -<br>-<br>277<br>-                       |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) Mode  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position   | -<br>-<br>-<br>-<br>-<br>Distance<br>(mm)                  | 63<br>31<br>63<br>31<br>63<br>Channel                               | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq.<br>(MHz)   | 1 1 1 1 1 1 DSI   | 14.00<br>14.00<br>14.00<br>14.00<br>14.00<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)   | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling   | 0.289<br>0.437<br>0.322<br>0.492<br>0.355<br>Averaged SAR<br>Measured  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)   | 1.91<br>2.84<br>2.09<br>3.02<br>2.05<br>Estimated APD   | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported   | -<br>-<br>277<br>-                       |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) Mode U-NII-6 6.5GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna   | Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch   | Distance (mm)  | 63<br>31<br>63<br>31<br>63<br>Channel                               | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq.<br>(MHz)   | 1 1 1 1 1 1 DSI   | 14.00<br>14.00<br>14.00<br>14.00<br>14.00<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)   | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)<br>15.97  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling                                 | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power<br>scaling<br>100.69%   | 0.289<br>0.437<br>0.322<br>0.492<br>0.355<br>Averaged SAR<br>Measured<br>0.110   | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)<br>Reported<br>0.113  | 1.91<br>2.84<br>2.09<br>3.02<br>2.05<br>Estimated APD<br>Measured<br>0.778  | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported<br>0.801  | 277<br>-<br>ID                           |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) Mode U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt   | -<br>-<br>-<br>-<br>-<br>Distance<br>(mm)                  | 63<br>31<br>63<br>31<br>63<br>Channel                               | 6265<br>6105<br>6265<br>6105<br>6265<br>6105<br>6265<br>Freq.<br>(MHz)<br>6425<br>6425                                   | 1 1 1 1 1 1 1 DSI   | 14.00<br>14.00<br>14.00<br>14.00<br>14.00<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>16.00  | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)<br>15.97  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling<br>1.02<br>1.02                 | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%  | 0.289<br>0.437<br>0.322<br>0.492<br>0.355<br>Averaged SAR<br>Measured<br>0.110<br>0.112  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)<br>Reported<br>0.113<br>0.115   | 1.91<br>2.84<br>2.09<br>3.02<br>2.05<br>Estimated APD<br>Measured<br>0.778<br>0.86  | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported<br>0.801<br>0.885   | -<br>277<br>-<br>ID                      |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) Mode U-NII-6 6 5GHz 802 11be(320M) U-NII-6 5 5GHz 802 11be(320M) U-NII-6 5 5GHz 802 11be(320M) U-NII-6 5 5GHz 802 11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8 Ant 8 Ant 8   | Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Touch   | Distance (mm)  | 63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95                   | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq.<br>(MHz)<br>6425<br>6425   | 1 1 1 1 1 1 DSI   | 14.00<br>14.00<br>14.00<br>14.00<br>14.00<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)<br>16.00<br>16.00   | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)<br>15.97<br>15.97   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling<br>1.02<br>1.02                 | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%   | 0.289 0.437 0.322 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.196  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)<br>Reported<br>0.113<br>0.115<br>0.202  | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16   | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported<br>0.801<br>0.885<br>1.194  | - 277<br>- ID<br>278                     |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) Mode U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8 Ant 8 Ant 8 Ant 8   | Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Left Tilt Left Tilt Left Tilt Left Touch Left Touch Left Touch  | Distance (mm)  | 63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95       | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425<br>Freq.                             | 1 1 1 1 1 1 DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                     | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg.  | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)<br>15.97<br>15.97<br>15.97<br>Measured   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling<br>1.02<br>1.02<br>1.02<br>1.02 | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%  | 0.289 0.437 0.322 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.196 0.192  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)<br>Reported<br>0.113<br>0.115   | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03  | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported<br>0.801<br>0.885   | -<br>277<br>-<br>ID<br>-<br>-<br>278     |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NIII-5 6 2GHz 802 11be(320M)  Mode U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M)  Mode  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8 Ant 8 Ant 8   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Position Right Touch Right Tilt Left Tilt Left Tilt Position  | Distance (mm)  | 63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95       | 6265<br>6105<br>6265<br>6105<br>6265<br>6105<br>6265<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425                      | 1 1 1 1 1 1 DSI   | 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm)   | 13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>13.98<br>Measured<br>Avg. Power<br>(dBm)<br>15.97<br>15.97<br>15.97  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>Duty cycle<br>scaling<br>1.02<br>1.02<br>1.02         | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%   | 0.289 0.437 0.322 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.196 0.192  | 0.297 0.449 0.331 0.505 0.364  Over 1g (W/kg)  Reported 0.113 0.115 0.202 0.198   | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03  | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m*2 (4cm*2)<br>Reported<br>0.801<br>0.885<br>1.194<br>1.060<br>W/m*2 (4cm*2)<br>Reported                        | - 277<br>- ID<br>278                     |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Left Tilt Left Tilt Right Touch Right Tilt Right Tilt Right Touch Right Tilt Right Touch Right Touch Right Touch Right Touch   | Distance (mm)  | 63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95<br>95 | 6285<br>6105<br>6286<br>6105<br>6286<br>6105<br>6285<br>Freq.<br>(MHz)<br>6425<br>6425<br>6425<br>6425<br>Freq.<br>(MHz) | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                     | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00   | 13.98 13.98 13.98 13.98 13.98 13.98 Measured Avg. Power (dBm) 15.97 15.97 15.97 Measured Avg. Power (dBm)   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%<br>Power scaling   | 0.289 0.437 0.322 0.492 0.355  Averaged SAR Measured 0.110 0.112 0.196 0.192  Averaged SAR Measured 0.199  | 0.297<br>0.449<br>0.331<br>0.505<br>0.364<br>over 1g (W/kg)<br>Reported<br>0.113<br>0.115<br>0.202<br>0.198<br>over 1g (W/kg)               | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17  | 1.961<br>2.916<br>2.146<br>3.101<br>2.105<br>W/m^2 (4cm^2)<br>Reported<br>0.801<br>0.885<br>1.194<br>1.060<br>W/m^2 (4cm^2)<br>Reported<br>1.204               | - 277 - ID 278 - ID                      |
| U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Tilt Position Right Touch Right Tilt Right Touch Left Tilt Right Touch Left Tilt Right Touch Right Touch Right Touch Right Touch Right Touch   | Distance (mm)  | 63 31 63 31 63 Channel 95 95 95 Channel                             | 6285<br>6105<br>6285<br>6105<br>6285<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425      | 1 1 1 1 1 1 DSI DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1             | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg., Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg., Power + Max. Tolerance (dBm) 17.00 17.00   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 Measured Avg. Power (dBm) 15.97 15.97 15.97 Measured Avg. Power (dBm) 16.97   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%  | 0.289 0.437 0.437 0.492 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.196 0.192 Averaged SAR Measured 0.199 0.251  | 0.297 0.449 0.331 0.505 0.364 over 1g (W/kg)  Reported 0.113 0.115 0.202 0.198 over 1g (W/kg)  Reported 0.205 0.258                         | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25   | 1.961 2.916 2.146 3.101 2.105 W/m^2 (4cm^2) Reported 0.801 0.885 1.194 1.060 W/m^2 (4cm^2) Reported 1.204 1.266  | -<br>277<br>-<br>ID<br>-<br>-<br>278     |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna  Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8  | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Left Tilt Left Tilt Right Tilt Left Touch Left Tilt Position  | Distance (mm)  | 63 31 63 31 63 Channel 95 95 95 127 127                             | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425<br>Freq. (MHz)<br>6585<br>6585       | 1 1 1 1 1 1 DSI DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1             | 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (Bm) 16.00 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (Bm) 17.00 17.00   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 Measured Avg, Power (dBm) 15.97 15.97 15.97 Measured Avg, Power (dBm) 16.97 16.97   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02  | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%                                       | 0.289 0.437 0.322 0.492 0.356 Averaged SAR Measured 0.110 0.112 0.119 0.192 Averaged SAR Measured 0.190 0.192 0.192 0.195 0.192 0.195 0.195 0.195 0.195 0.195      | 0.297 0.449 0.331 0.505 0.384  over 1g (W/kg)  Reported 0.113 0.115 0.202 0.198  over 1g (W/kg)  Reported 0.205 0.198  0.105                | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25   | 1.961 2.916 2.916 3.101 2.105 W/m^2 (4cm*2) Reported 0.801 0.885 1.194 1.060 W/m^2 (4cm*2) Reported 1.204 1.204 1.266 1.163                                    | - 277 - ID 278 - ID                      |
| U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-5 6 2GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Tilt Position Right Touch Right Tilt Right Touch Left Tilt Right Touch Left Tilt Right Touch Right Touch Right Touch Right Touch Right Touch   | Distance (mm)  | 63 31 63 31 63 Channel 95 95 95 Channel                             | 6285<br>6105<br>6285<br>6105<br>6285<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425<br>6425      | 1 1 1 1 1 1 DSI DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1             | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg., Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg., Power + Max. Tolerance (dBm) 17.00 17.00   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 Measured Avg. Power (dBm) 15.97 15.97 15.97 Measured Avg. Power (dBm) 16.97   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%  | 0.289 0.437 0.437 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.196 0.192 Averaged SAR Measured 0.100 0.192 0.192 0.192 0.192 0.193                              | 0.297 0.449 0.331 0.505 0.364 over 1g (W/kg)  Reported 0.113 0.115 0.202 0.198 over 1g (W/kg)  Reported 0.205 0.258                         | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25   | 1.961 2.916 2.146 3.101 2.105 W/m^2 (4cm^2) Reported 0.801 0.885 1.194 1.060 W/m^2 (4cm^2) Reported 1.204 1.266  | - 277 - ID 278 - ID                      |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna  Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8  | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Tilt Left Tilt Left Tilt Right Tilt Left Touch Left Tilt Position  | Distance (mm)  | 63 31 63 31 63 Channel 95 95 95 127 127                             | 6265<br>6105<br>6265<br>6105<br>6265<br>Freq. (MHz)<br>6425<br>6425<br>6425<br>6425<br>Freq. (MHz)<br>6585<br>6585       | 1 1 1 1 1 1 DSI DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1             | 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (Bm) 16.00 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (Bm) 17.00 17.00   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 Measured Avg, Power (dBm) 15.97 15.97 15.97 Measured Avg, Power (dBm) 16.97 16.97   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02  | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>Power scaling<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%                                       | 0.289 0.437 0.322 0.492 0.395 0.492 0.395 Averaged SAR Measured 0.110 0.112 0.196 0.192 Averaged SAR Measured 0.199 0.251 0.185 0.095 Averaged SAR                 | 0.297 0.449 0.331 0.505 0.364  over 1g (W/kg) Reported 0.113 0.115 0.202 0.198 over 1g (W/kg) Reported 0.205 0.258 0.258 0.259 0.098        | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25 1.13 0.488 Estimated APD  | 1.961 2.916 2.916 3.101 2.105 W/m^2 (4cm^2) Reported 0.801 0.885 1.194 1.060 W/m^2 (4cm^2) Reported 1.204 1.286 1.183 0.502 W/m^2 (4cm^2)                      | - 277 - ID 278 - ID                      |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) Mode  | Ant 8 | Right Tilt Left Touch Left Touch Left Touch Left Tilt Position  Right Touch Right Tilt Left Tilt  Position  Right Touch Right Tilt Left Tilt  Position  Right Touch Left Tilt  Position  Right Touch Left Touch Left Touch Left Touch Left Touch Left Touch Left Tilt Left Touch Left Tilt  Position  | Distance (mm)  Distance (mm)  Distance (mm)                | 63 31 63 31 63 Channel 95 95 95 127 127 Channel                     | 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425 6425 6425 6425 6425                                   | 1 1 1 1 1 1 DSI DSI DSI DSI   | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 17.00 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 17.00 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) Max. Rated Avg. Rated Avg. Rated Avg. Rower + Max. Tolerance (dBm)  | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.99 15.97 15.97 15.97 16.97 16.97 16.97 16.97 Measured Avg. Power (dBm) 16.97 Measured Avg. Power (dBm)                                 | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.48%<br>100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%                       | 0.289 0.437 0.322 0.492 0.392 0.492 0.352 Averaged SAR Measured 0.110 0.112 0.192 Averaged SAR Measured 0.251 0.185 0.095 Averaged SAR Measured                    | 0.297 0.449 0.331 0.505 0.366 0.366 0.113 0.115 0.119 0.198 over 1g (W/kg) Reported 0.202 0.298 0.258 0.258 0.258 0.258 0.258               | 1.91 2.84 2.09 3.02 2.05 Estimated APD 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25 1.13 0.488 Estimated APD   | 1.961 2.916 3.101 2.105 W/m^2 (4cm^2) Reported 0.801 1.060 W/m^2 (4cm^2) Reported 1.204 1.286 1.163 0.502 W/m^2 (4cm^2) Reported                               | 277 - ID - 278 - ID - 279                |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M)  Mode  U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M)  Mode  U-NII-8 7 0GHz 802 11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Touch Right Tilt Left Touch Left Tilt Position Right Touch Right Tilt Left Touch Left Tilt Left Touch Left Tilt Right Touch Right Tilt Left Touch Left Tilt Right Touch Right Tilt Right Touch Right Tilt Right Touch Right Tilt Right Touch Right Touch                         | Distance (mm)  Distance (mm)  Distance (mm)  Distance (mm) | 63 31 63 31 63 Channel 95 95 95 Channel 127 127 127 Channel         | 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425 6425 Freq. (MHz) 6585 Freq. (MHz) 6585 6585 6585      | 1 1 1 1 1 DSI DSI 1 1 1 1 1 DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg.   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 15.97 15.97 15.97 15.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69% | 0.289 0.437 0.322 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.192 Averaged SAR Measured 0.199 0.195 Averaged SAR Measured 0.199 0.251 0.185 0.095 Averaged SAR | 0.297 0.449 0.331 0.505 0.336 0.396 0.396 0.419 0.113 0.115 0.119 0.119 0.199 0.298 0.290 0.098 0.090 0.098 0.090 0.090                     | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25 1.13 0.489 Estimated APD Measured 1.17 1.21 1.22 1.23 1.23 1.24 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25 | 1.961 2.916 2.916 3.101 2.105 W/m²2 (4cm²2) Reported 0.801 0.885 1.194 1.060 W/m²2 (4cm²2) Reported 1.204 1.204 1.208 1.163 0.502 W/m²2 (4cm²2) Reported 1.276 | - 277 - ID - 278 - ID - 279 - ID - ID ID |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M) U-NII-8 7.0GHz 802.11be(320M) | Ant 8 | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Left Tilt Position Right Touch Left Tilt Right Touch Left Tilt Right Touch Left Tilt Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch | Distance (mm)  Distance (mm)  Distance (mm)  Distance (mm) | 63 31 63 31 63 Channel 95 95 95 Channel 127 127 127 Channel         | 6265 6105 6265 6105 6265 6105 6265 6105 6265 6425 6425 6425 6425 6425 6425 642   | 1 1 1 1 1 DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                   | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 17.00 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 16.97 16.97 Measured Avg. Power (dBm) 16.97 Measured Avg. Power (dBm) 16.97 Measured Avg. Power (dBm) 16.94 | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69% | 0.289 0.437 0.322 0.492 0.395 Averaged SAR Measured 0.110 0.112 0.196 0.192 Averaged SAR Measured 0.199 0.251 0.198 Averaged SAR Measured 0.199 0.261              | 0.297 0.449 0.331 0.505 0.364  over 1g (W/kg) Reported 0.113 0.115 0.202 0.205 0.256 0.256 0.296 0.098  over 1g (W/kg) Reported 0.009 0.098 | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25 1.13 0.488 Estimated APD Measured 1.17 1.25 1.13 0.488  | 1.961 2.916 2.916 3.101 2.105 W/m^2 (4cm^2) Reported 0.801 0.885 1.194 1.060 W/m^2 (4cm^2) Reported 1.204 1.266 1.163 0.502 W/m^2 (4cm^2) Reported 1.275 1.375 | 277 - ID 278 - ID 279 ID - 279 280       |
| U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M) U-NII-5 6 2GHz 802 11be(320M)  Mode  U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-6 6 5GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M) U-NII-7 6 7GHz 802 11be(320M)  Mode  U-NII-8 7 0GHz 802 11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Antenna Ant 8   | Right Tilt Left Touch Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Touch Right Tilt Left Touch Left Tilt Position Right Touch Right Tilt Left Touch Left Tilt Left Touch Left Tilt Right Touch Right Tilt Left Touch Left Tilt Right Touch Right Tilt Right Touch Right Tilt Right Touch Right Tilt Right Touch Right Touch                         | Distance (mm)  Distance (mm)  Distance (mm)  Distance (mm) | 63 31 63 31 63 Channel 95 95 95 Channel 127 127 127 Channel         | 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425 6425 Freq. (MHz) 6585 Freq. (MHz) 6585 6585 6585      | 1 1 1 1 1 DSI DSI 1 1 1 1 1 DSI DSI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 14.00 14.00 14.00 14.00 14.00 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00 16.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 17.00 Max. Rated Avg.   | 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 13.98 15.97 15.97 15.97 15.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97 16.97   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02   | 100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.46%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69%<br>100.69% | 0.289 0.437 0.322 0.492 0.355 Averaged SAR Measured 0.110 0.112 0.192 Averaged SAR Measured 0.199 0.195 Averaged SAR Measured 0.199 0.251 0.185 0.095 Averaged SAR | 0.297 0.449 0.331 0.505 0.336 0.396 0.396 0.419 0.113 0.115 0.119 0.119 0.199 0.298 0.290 0.098 0.090 0.098 0.090 0.090                     | 1.91 2.84 2.09 3.02 2.05 Estimated APD Measured 0.778 0.86 1.16 1.03 Estimated APD Measured 1.17 1.25 1.13 0.489 Estimated APD Measured 1.17 1.21 1.22 1.23 1.23 1.24 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25 | 1.961 2.916 2.916 3.101 2.105 W/m²2 (4cm²2) Reported 0.801 0.885 1.194 1.060 W/m²2 (4cm²2) Reported 1.204 1.204 1.208 1.163 0.502 W/m²2 (4cm²2) Reported 1.276 | - 277 - ID - 278 - ID - 279 - ID - ID ID |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验证,他就是结果成果的证明,不可能以推翻。

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Page: 531 of 939

# WIFI6E Head DSI2

| Mode   | Antenna   | Position   | Distance<br>(mm)         | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.  | Measured<br>Avg. Power  | Duty cycle<br>scaling  | Power scaling  | -  | over 1g (W/kg)   | Estimated APD  | , ,   | ID                                       |
|--|---|--|--------------------------|---|--|---|--|---|--|--|--|--|--|---|--|
|  |   |  | 1 /                      |   | ` '  |   | Tolerance (dBm)  | (dBm)   |  |  | Measured   | Reported   | Measured   | Reported  |  |
| J-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Right Touch  | -                        | 31  | 6105   | 2   | 11.00  | 10.98   | 1.02   | 100.46%  | 0.291  | 0.299  | 2.72   | 2.793   | -  |
| J-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Right Touch  | -                        | 63  | 6265   | 2   | 11.00  | 10.95   | 1.02   | 101.16%  | 0.255  | 0.264  | 2.32   | 2.398   | -  |
| I-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Right Tilt   | -                        | 31  | 6105   | 2   | 11.00  | 10.98   | 1.02   | 100.46%  | 0.041  | 0.042  | 0.638  | 0.655   | -  |
| J-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Right Tilt   | -                        | 63  | 6265   | 2   | 11.00  | 10.95   | 1.02   | 101.16%  | 0.032  | 0.033  | 0.458  | 0.473   | -  |
| U-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Left Touch   | -                        | 31  | 6105   | 2   | 11.00  | 10.98   | 1.02   | 100.46%  | 0.144  | 0.148  | 1.32   | 1.355   | -  |
| U-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Left Touch   | -                        | 63  | 6265   | 2   | 11.00  | 10.95   | 1.02   | 101.16%  | 0.122  | 0.126  | 1.08   | 1.117   | -  |
| U-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Left Tilt  | -                        | 31  | 6105   | 2   | 11.00  | 10.98   | 1.02   | 100.46%  | 0.011  | 0.011  | 0.294  | 0.302   | -  |
| U-NII-5 6.2GHz 802.11be(320M)  | Ant7  | Left Tilt  | -                        | 63  | 6265   | 2   | 11.00  | 10.95   | 1.02   | 101.16%  | 0.005  | 0.005  | 0.132  | 0.136   | -  |
| 5-1411-3 0.2-G112 002. 11D6(320W)  | Alti  | Loit Till  |                          | - 03  | 0203   |   |  |   | 1.02   | 101.1070   | 0.003  | 0.003  | 0.132  | 0.130   |  |
| Mode   | Antenna   | Position   | Distance<br>(mm)         | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)   | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling   | Power<br>scaling   | Averaged SAR<br>Measured   | over 1g (W/kg)   | Estimated APD<br>Measured  | W/m^2 (4cm^2)<br>Reported   | ID                                       |
| U-NII-6 6.5GHz 802.11be(320M)  | Ant7  | Right Touch  | _                        | 95  | 6425   | 2   | 13.00  | 12.96   | 1.02   | 100.93%  | 0.275  | 0.284  | 2.55   | 2.630   |  |
| U-NII-6 6.5GHz 802.11be(320M)  | Ant7  | Right Tilt   |                          | 95  | 6425   | 2   | 13.00  | 12.96   | 1.02   | 100.93%  | 0.021  | 0.022  | 0.396  | 0.408   |  |
|  |   | -  | -                        |   |  |   |  |   |  |  |  |  |  |   |  |
| J-NII-6 6.5GHz 802.11be(320M)  | Ant7  | Left Touch   | -                        | 95  | 6425   | 2   | 13.00  | 12.96   | 1.02   | 100.93%  | 0.121  | 0.125  | 1.09   | 1.124   | -  |
| J-NII-6 6.5GHz 802.11be(320M)  | Ant7  | Left Tilt  | -                        | 95  | 6425   | 2   | 13.00  | 12.96   | 1.02   | 100.93%  | 0.014  | 0.014  | 0.302  | 0.311   | -  |
| Mode   | Antenna   | Position   | Distance<br>(mm)         | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)   | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling   | Power scaling  | Averaged SAR<br>Measured   | over 1g (W/kg)   | Estimated APD Measured   | W/m^2 (4cm^2)   | ID                                       |
| 11 bill 7 0 701 in 000 445 -/2001 in   | A-47  | Dieba Terreb   | -                        | 407   | CEOE   |   | , ,  | , ,   | 100  | 404.4001   |  |  |  |   |  |
| J-NII-7 6.7GHz 802.11be(320M)  | Ant7  | Right Touch  |                          | 127   | 6585   | 2   | 14.00  | 13.95   | 1.02   | 101.16%  | 0.282  | 0.292  | 2.63   | 2.719   | -  |
| U-NII-7 6.7GHz 802.11be(320M)  | Ant7  | Right Tilt   | -                        | 127   | 6585   | 2   | 14.00  | 13.95   | 1.02   | 101.16%  | 0.025  | 0.026  | 0.349  | 0.361   |  |
| J-NII-7 6.7GHz 802.11be(320M)  | Ant7  | Left Touch   | -                        | 127   | 6585   | 2   | 14.00  | 13.95   | 1.02   | 101.16%  | 0.165  | 0.171  | 1.35   | 1.396   |  |
| J-NII-7 6.7GHz 802.11be(320M)  | Ant7  | Left Tilt  | -                        | 127   | 6585   | 2   | 14.00  | 13.95   | 1.02   | 101.16%  | 0.022  | 0.023  | 0.198  | 0.205   | -  |
| Mode   | Antenna   | Position   | Distance<br>(mm)         | Channel   | Freq.<br>(MHz)   | DSI   | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)   | Measured<br>Avg. Power<br>(dBm)   | Duty cycle scaling   | Power<br>scaling   |  | over 1g (W/kg)   | Estimated APD  |   | IC                                       |
|  |   |  |                          |   |  |   | , ,  |   |  |  | Measured   | Reported   | Measured   | Reported  |  |
| J-NII-8 7.0GHz 802.11be(320M)  | Ant7  | Right Touch  | -                        | 191   | 6905   | 2   | 14.00  | 13.91   | 1.02   | 102.09%  | 0.289  | 0.302  | 1.98   | 2.066   | -  |
| J-NII-8 7.0GHz 802.11be(320M)  | Ant7  | Right Tilt   | -                        | 191   | 6905   | 2   | 14.00  | 13.91   | 1.02   | 102.09%  | 0.051  | 0.053  | 0.772  | 0.806   |  |
| J-NII-8 7.0GHz 802.11be(320M)  | Ant7  | Left Touch   | -                        | 191   | 6905   | 2   | 14.00  | 13.91   | 1.02   | 102.09%  | 0.215  | 0.224  | 1.08   | 1.127   |  |
| U-NII-8 7.0GHz 802.11be(320M)  | Ant7  | Left Tilt  | -                        | 191   | 6905   | 2   | 14.00  | 13.91   | 1.02   | 102.09%  | 0.022  | 0.023  | 0.296  | 0.309   | -  |
| , , , , , ,  |   |  |                          |   |  |   |  |   |  |  |  |  |  |   |  |
|  |   |  |                          |   | _  |   | Max. Rated Avg.  | Measured  | Duty cycle   | Power  | Averaged SAR   | over to (M/kg)   | Estimated ADD  |   |  |
| Mode   | Antenna   | Position   | Distance<br>(mm)         | Channel   | Freq.<br>(MHz)   | DSI   | Power + Max.   | Avg. Power  | scaling  | scaling  | -  |  |  | W/m^2 (4cm^2)   | IC                                       |
|  |   |  |                          |   | (MHz)  |   | Power + Max.<br>Tolerance (dBm)  | (dBm)   | scaling  | scaling  | Measured   | Reported   | Measured   | Reported  | 10                                       |
| J-NII-5 6.2GHz 802.11be(320M)  | Ant 8   | Right Touch  |                          | 31  | (MHz)<br>6105  | 2   | Power + Max.<br>Tolerance (dBm)  | (dBm)<br>10.96  | scaling<br>1.02  | scaling<br>100.93%   | Measured<br>0.212  | Reported<br>0.219  | Measured<br>1  | Reported<br>1.031   | 10                                       |
| J-NII-5 6.2GHz 802.11be(320M)  |   |  | (mm)                     |   | (MHz)  |   | Power + Max.<br>Tolerance (dBm)  | (dBm)   | scaling  | scaling  | Measured   | Reported   | Measured   | Reported  |  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)   | Ant 8   | Right Touch  | (mm)<br>-                | 31  | (MHz)<br>6105  | 2   | Power + Max.<br>Tolerance (dBm)  | (dBm)<br>10.96  | scaling<br>1.02  | scaling<br>100.93%   | Measured<br>0.212  | Reported<br>0.219  | Measured<br>1  | Reported<br>1.031   |  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)  | Ant 8<br>Ant 8<br>Ant 8   | Right Touch<br>Right Touch<br>Right Tilt   | (mm)<br>-                | 31<br>63<br>31  | (MHz)<br>6105<br>6265<br>6105  | 2<br>2<br>2   | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00  | (dBm)<br>10.96<br>10.85<br>10.96  | 1.02<br>1.02<br>1.02   | scaling<br>100.93%<br>103.51%<br>100.93%   | Measured<br>0.212<br>0.152<br>0.168  | 0.219<br>0.161<br>0.173  | Measured<br>1<br>0.755<br>0.839  | Reported<br>1.031<br>0.799<br>0.865   |  |
| J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)   | Ant 8<br>Ant 8<br>Ant 8<br>Ant 8  | Right Touch Right Touch Right Tilt Right Tilt  | (mm)<br>-<br>-<br>-      | 31<br>63<br>31<br>63  | (MHz)<br>6105<br>6265<br>6105<br>6265  | 2<br>2<br>2<br>2  | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00  | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85   | 1.02<br>1.02<br>1.02<br>1.02   | scaling<br>100.93%<br>103.51%<br>100.93%<br>103.51%  | Measured<br>0.212<br>0.152<br>0.168<br>0.122   | Reported<br>0.219<br>0.161<br>0.173<br>0.129   | Measured<br>1<br>0.755<br>0.839<br>0.598   | Reported<br>1.031<br>0.799<br>0.865<br>0.633  | -  |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch   | (mm)<br>-<br>-<br>-<br>- | 31<br>63<br>31<br>63<br>31  | (MHz)<br>6105<br>6265<br>6105<br>6265<br>6105  | 2<br>2<br>2<br>2<br>2<br>2  | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00   | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85<br>10.96  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02   | scaling<br>100.93%<br>103.51%<br>100.93%<br>103.51%<br>100.93%   | Measured<br>0.212<br>0.152<br>0.168<br>0.122<br>0.221  | Reported 0.219 0.161 0.173 0.129 0.228   | Measured 1 0.755 0.839 0.598 0.942   | Reported<br>1.031<br>0.799<br>0.865<br>0.633<br>0.972   | -<br>-<br>-                              |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch  | (mm)<br>-<br>-<br>-      | 31<br>63<br>31<br>63<br>31<br>63  | (MHz)<br>6105<br>6265<br>6105<br>6265<br>6105<br>6265  | 2<br>2<br>2<br>2<br>2<br>2<br>2   | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00  | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85<br>10.96<br>10.85   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02   | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195   | Reported 0.219 0.161 0.173 0.129 0.228 0.206   | Measured  1 0.755 0.839 0.598 0.942 0.825  | Reported 1.031 0.799 0.865 0.633 0.972 0.873  | -<br>-<br>-                              |
| J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)<br>J-NII-5 6.2GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch   | (mm)<br>-<br>-<br>-<br>- | 31<br>63<br>31<br>63<br>31  | (MHz)<br>6105<br>6265<br>6105<br>6265<br>6105  | 2<br>2<br>2<br>2<br>2<br>2  | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00   | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85<br>10.96  | 1.02<br>1.02<br>1.02<br>1.02<br>1.02   | scaling<br>100.93%<br>103.51%<br>100.93%<br>103.51%<br>100.93%   | Measured<br>0.212<br>0.152<br>0.168<br>0.122<br>0.221  | Reported 0.219 0.161 0.173 0.129 0.228   | Measured 1 0.755 0.839 0.598 0.942   | Reported<br>1.031<br>0.799<br>0.865<br>0.633<br>0.972   | -<br>-<br>-                              |
| U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)<br>U-NII-5 6.2GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch  | (mm)<br>-<br>-<br>-<br>- | 31<br>63<br>31<br>63<br>31<br>63  | (MHz)<br>6105<br>6265<br>6105<br>6265<br>6105<br>6265  | 2<br>2<br>2<br>2<br>2<br>2<br>2   | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00  | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85<br>10.96<br>10.85   | 1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02<br>1.02   | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195   | Reported 0.219 0.161 0.173 0.129 0.228 0.206   | Measured  1 0.755 0.839 0.598 0.942 0.825  | Reported 1.031 0.799 0.865 0.633 0.972 0.873  |  |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Totch   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31  | (MHz)<br>6105<br>6265<br>6105<br>6265<br>6105<br>6265<br>6105  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2  | Power + Max. Tolerance (dBm)  11.00  11.00  11.00  11.00  11.00  11.00  11.00  11.00   | (dBm)<br>10.96<br>10.85<br>10.96<br>10.85<br>10.96<br>10.85   | scaling  1.02  1.02  1.02  1.02  1.02  1.02  1.02  1.02  1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.242 0.211   | Reported 0.219 0.161 0.173 0.129 0.228 0.206 0.250   | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03   | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944  | -  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) Mode   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Position   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63  | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 6105 6265 Freq.  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2  | Power + Max. Tolerance (dBm)  11.00  11.00  11.00  11.00  11.00  11.00  11.00  Max. Rated Avg. Power + Max.  | (dBm)  10.96  10.85  10.96  10.85  10.96  10.85  10.96  10.85  Measured  Avg. Power   | 1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.02   1.03   Duty cycle scaling   | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  100.93%  Power  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.242 0.211  Averaged SAR   | Reported  0.219  0.161  0.173  0.129  0.228  0.206  0.250  0.223  over 1g (W/kg)   | Measured 1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD  | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2)  | -  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) Mode J-NII-6 6.5GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Right Tilt Right Tilt   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel   | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz)  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | Power + Max.<br>Tolerance (dBm)<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>11.00<br>Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm)  | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 Measured Avg. Power (dBm) 12.96   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  Power scaling  100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.242 0.211 Averaged SAR Measured 0.051   | Reported  0.219  0.161  0.173  0.129  0.228  0.206  0.250  0.223  over 1g (W/kg)  Reported  0.053  | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309  | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2) Reported 0.319   | -  |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) Mode  J-NII-6 6.5GHz 802.11be(320M) U-NIII-6 6.5GHz 802.11be(320M)   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Right Tilt Right Tilt Left Tilt Right Tilt Right Touch Right Touch Right Tilt  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel   | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 13.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 13.00  | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96   | 1.02    | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  Power scaling  100.93%  100.93%   | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.242 0.211  Averaged SAR Measured 0.051 0.045  | Reported 0.219 0.161 0.173 0.129 0.228 0.206 0.250 0.223 over 1g (W/kg) Reported 0.053 0.046   | Measured 1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217   | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2) Reported 0.319 0.224   |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) Mode  J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Touch   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel   | (MHz) 6105 6265 6105 6266 6105 6266 6105 6265 Freq. (MHz) 6425 6425  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 13.00 13.00 13.00 13.00   | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96   | 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% Power scaling 100.93% 100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.242 0.211 Averaged SAR Measured 0.051 0.045 0.095   | Reported   | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217  | Reported 1.031 0.799 0.885 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2) Reported 0.319 0.224 0.690   | -  |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M)  | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Right Tilt Right Tilt Left Tilt Right Tilt Right Touch Right Touch Right Tilt  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel   | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425  | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 13.00 13.00 13.00 13.00 Max. Rated Avg. Power + Max. Max. Rated Avg. Power + Max. Power + Max.  | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 40.96 10.85 10.96 10.85 409.Power (dBm) 12.96 12.96 12.96 409.Power   | 1.02    | scaling  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  100.93%  103.51%  Power scaling  100.93%  100.93%   | Measured 0.212 0.152 0.168 0.122 0.221 0.29 0.211 0.29 0.241 0.211 Averaged SAR Measured 0.051 0.095 0.095 0.091 Averaged SAR  | Reported 0.219 0.161 0.173 0.129 0.228 0.206 0.250 0.223 over 1g (W/kg) Reported 0.053 0.098 0.094   | Measured  1 0.755 0.839 0.598 0.942 0.925 1.03 0.892 Estimated APD Measured 0.309 0.217 0.669 0.493 Estimated APD  | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2) Reported 0.319 0.224 0.690 0.509   | 11                                       |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) Mode  J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) Mode   | Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Position Right Touch Right Tilt Left Touch Left Touch Right Tilt Left Touch Right Tilt Left Touch Left Tilt Position  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>95<br>95<br>95  | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 Freq. (MHz)  | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.99 10.85 Measured Avg. Power (dBm) 12.96 12.96 12.96 Measured Avg. Power (dBm)   | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% Power scaling 100.93% 100.93% 100.93% 100.93%  | Measured 0.212 0.152 0.168 0.168 0.122 0.221 0.221 0.242 0.241 Averaged SAR Measured 0.051 0.045 0.065 0.091 Averaged SAR  | Reported   | Measured 1 0.755 0.839 0.598 0.942 1.03 0.825 1.03 0.882 Estimated APD Measured 0.309 0.217 0.090 0.493 Estimated APD Measured APD   | Reported 1.031 0.799 0.865 0.663 0.633 0.972 0.873 1.062 0.944 Wim'2 (4cm'2) Reported 0.319 0.224 0.690 0.509 Wim'2 (4cm'2) Reported  |  |
| I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-5 6 2GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) I-NII-6 6 5GHz 802 11be(320M) Mode   | Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8 Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Touch Left Tilt Left Tilt Left Tilt Left Tilt Left Tilt Left Tilt Left Touch Right Touch Right Tilt Left Touch Left Tilt  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95   | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425  | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 13.00 13.00 13.00 13.00 Max. Rated Avg. Power + Max. Max. Rated Avg. Power + Max. Power + Max.  | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 40.96 10.85 10.96 10.85 409.Power (dBm) 12.96 12.96 12.96 409.Power   | 1.02    | scaling 100.93% 103.51% 100.93% 100.93% 100.93% 103.51% 100.93% 103.51% Power scaling 100.93% 100.93% 100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.29 0.211 0.29 0.241 0.211 Averaged SAR Measured 0.051 0.095 0.095 0.091 Averaged SAR  | Reported 0.219 0.161 0.173 0.129 0.228 0.206 0.250 0.223 over 1g (W/kg) Reported 0.053 0.098 0.094   | Measured  1 0.755 0.839 0.598 0.942 0.925 1.03 0.892 Estimated APD Measured 0.309 0.217 0.669 0.493 Estimated APD  | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m^2 (4cm^2) Reported 0.319 0.224 0.690 0.509   |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) Mode  J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) Mode   | Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Left Tilt Left Tilt Position Right Touch Right Tilt Left Touch Left Touch Right Tilt Left Touch Left Tilt Position  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>95<br>95<br>95  | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 Freq. (MHz)  | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.99 10.85 Measured Avg. Power (dBm) 12.96 12.96 12.96 Measured Avg. Power (dBm)   | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% Power scaling 100.93% 100.93% 100.93% 100.93%  | Measured 0.212 0.152 0.168 0.168 0.122 0.221 0.221 0.242 0.241 Averaged SAR Measured 0.051 0.045 0.065 0.091 Averaged SAR  | Reported   | Measured 1 0.755 0.839 0.598 0.942 1.03 0.825 1.03 0.882 Estimated APD Measured 0.309 0.217 0.090 0.493 Estimated APD Measured APD   | Reported 1.031 0.799 0.865 0.663 0.633 0.972 0.873 1.062 0.944 Wim'2 (4cm'2) Reported 0.319 0.224 0.690 0.509 Wim'2 (4cm'2) Reported  |  |
| I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-6 6 2GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M) I-NII-7 6 7GHz 802 11be(320M)  | Ant 8   | Right Touch Right Touch Right Tit Right Tit Right Tit Left Touch Left Touch Left Touch Left Tit Left Tit Left Tit Left Tit Position Right Touch Left Tit Right Touch Right Touch Right Touch Right Tit Right Touch Right Touch Right Touch Right Touch Right Touch   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95   | (MHz) 6105 6265 6105 6205 6105 6205 6105 6205 6105 6205 6405 6425 6425 6425 6425 6425 6585   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96 Measured Avg. Power (dBm) 13.98   | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.33% 103.51% 100.93% 103.51% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93%  | Measured 0.212 0.112 0.168 0.168 0.122 0.291 0.195 0.242 0.242 0.051 Averaged SAR Measured 0.051 0.045 0.095 0.091 Averaged SAR Measured 0.051 0.010 0.095   | Reported 0.219 0.219 0.173 0.173 0.129 0.200 0.200 0.250 0.250 0.091 Reported 0.053 0.046 0.098 0.094 over 1g (W/kg) Reported 0.105 0.105  | Measured  1 1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 1.03 0.892 Estimated APD Measured 0.309 0.217 0.669 0.493 Estimated APD Measured 0.752  | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 W/m*2 (4cm*2) Reported 0.319 0.224 0.689 0.509 W/m*2 (4cm*2) Reported 0.680 0.690 0.752  |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M)  | Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Left Touch Left Touch Left Tilt Left Tilt Left Tilt Left Tilt Left Tilt Position Right Touch Right Touch Left Tilt Left Touch Left Tilt Left Touch Left Tilt Position  | (mm)                     | 31 63 31 63 31 63 31 63 31 63 Channel 95 95 95 95 127 127   | (MHz) 6105 6205 6105 6205 6105 6205 6105 6205 6105 6205 6405 6425 6425 6425 6425 Freq. (MHz) 6505 6505 6505 6505                     | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 13.00 13.00 13.00 13.00 13.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 13.00 13.00 13.00 13.00 14.00 14.00  | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96 Measured Avg. Power (dBm) 13.98 13.98   | scaling  1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.0  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% Power scaling 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93%  | Measured 0.212 0.152 0.168 0.168 0.122 0.221 0.221 0.242 0.211 Averaged SAR Measured 0.051 0.045 0.091 Averaged SAR Measured 0.102 0.102 0.102 0.102   | Reported   | Measured 1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217 0.699 0.493 Estimated APD Measured 0.599 0.732 0.599  | Reported 1.031 0.799 0.865 0.863 0.873 1.0972 0.873 1.062 0.974 Wim*2 (4cm*2) Reported 0.319 0.224 0.690 0.590 Wim*2 (4cm*2) 0.690 0.590 Reported 0.605 0.752                           |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M)  | Ant 8   | Right Touch Right Touch Right Tit Right Tit Right Tit Left Touch Left Touch Left Touch Left Tit Left Tit Left Tit Left Tit Position Right Touch Left Tit Right Touch Right Touch Right Touch Right Tit Right Touch Right Touch Right Touch Right Touch Right Touch   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95   | (MHz) 6105 6265 6105 6205 6105 6205 6105 6205 6105 6205 6405 6425 6425 6425 6425 6425 6585   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 13.00 13.00 13.00 13.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 14.00 14.00 Max. Rated Avg. Power + Max. Tolerance (dBm) 14.00 14.00 Max. Rated Avg. Power + Max.   | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96 12.96 12.96 12.96 13.98 13.98 13.98 Measured Avg. Power (dBm)   | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.33% 103.51% 100.93% 103.51% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93% 100.93%  | Measured 0.212 0.152 0.166 0.122 0.221 0.195 0.221 0.195 0.221 0.211 Averaged SAR Measured 0.051 0.095 0.095 0.091 Averaged SAR 0.102 0.126 0.078 0.012 Averaged SAR                               | Reported 0.219 0.161 0.173 0.129 0.228 0.228 0.206 0.250 0.223  over 1g (W/kg)  Reported 0.053 0.068 0.098 0.098 0.098 0.004 0.105 0.129 0.080 0.006 0.008 0.004 0.008 0.004 0.008 0.004 0.008 0.004 0.008 0.004 0.008 0.004 | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217 0.493 Estimated APD Measured 0.599 0.732 0.732 0.329 0.227   | Reported 1.031 0.799 0.865 0.863 0.972 0.873 1.062 0.972 Wim*2 (4cm*2) Reported 0.319 0.224 0.690 0.590 Wim*2 (4cm*2) Reported 0.605 0.752 0.338 0.233 Wim*2 (3cm*2)                    |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) Mode   | Ant 8 | Right Touch Right Touch Right Tit Right Tit Right Tit Right Tit Left Touch Left Touch Left Touch Left Tit Position Right Touch Right Touch Left Tit Left Touch Left Tit Left Touch Left Tit Position Right Touch Left Tit Position Right Touch Left Tit Position Right Touch Right Touch Right Touch Left Tit Left Touch Left Tit Left Touch Left Tit Position   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95<br>127<br>127<br>127<br>127<br>127<br>Channel | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425 6425 6425 6425 Freq. (MHz) 6565 6585 65865   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96 12.96 12.96 12.96 12.96 13.98 13.98 13.98 13.98 13.98   | scaling   1.02 | scaling 100.39%, 103.51%, 100.93%, 103.51%, 100.93%, 103.51%, 100.93%, 103.51%, 100.93%, 100. | Measured 0.212 0.152 0.166 0.122 0.221 0.195 0.242 0.211 Averaged SAR Measured 0.051 0.095 0.091 Averaged SAR Measured 0.005 0.097 Averaged SAR Measured 0.102 0.128 0.102 0.128 0.102 0.128 0.078 | Reported   | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217 0.669 0.493 Estimated APD Measured 0.599 0.732 0.227 Estimated APD Measured 0.599 0.732 0.227 Estimated APD Measured                     | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.942 Wim*2 (4cm*2) Reported 0.319 0.224 0.690 0.509 Wim*2 (4cm*2) Reported 0.752 0.338 0.233 Wim*2 (4cm*2) Reported                 |  |
| J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-5 6.2GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-6 6.5GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) J-NII-7 6.7GHz 802.11be(320M) Mode | Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Tilt Position  Right Touch Right Touch Left Tilt Left Touch Left Tilt Left Touch Left Tilt Left Touch Left Tilt Left Touch Left Tilt Left Touch Right Touch Right Touch Left Touch Left Touch Left Touch Left Touch Left Touch  | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95<br>127<br>127<br>127<br>127<br>127            | (MHz) 6105 6205 6105 6205 6105 6205 6105 6205 6105 6205 6105 6205 6405 6425 6425 6425 6425 6425 6425 Freq. (MHz) 6505 6585 6585 6585 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.221 0.195 0.242 0.242 0.241 Averaged SAR Measured 0.051 0.045 0.091 Averaged SAR Measured 0.102 0.128 0.129 Averaged SAR                            | Reported   | Measured 1 0.755 0.839 0.998 0.994 0.942 0.827 0.829 0.822 Estimated APD Measured 0.589 0.443 Estimated APD Measured 0.589 0.493 Estimated APD Measured 0.589 0.329 0.227 0.329 0.329 0.329 0.329 0.329 0.329 0.329 0.329 0.3493 | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 0.944 0.944 0.944 0.944 0.949 0.944 0.949 0.949 0.949 0.949 0.949 0.9509 0.509 0.509 0.509 0.752 0.338 0.233 0.233 0.238 0.238 |  |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) Mode U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M)   | Ant 8 | Right Touch Right Touch Right Tit Right Tit Right Tit Right Tit Left Touch Left Touch Left Touch Left Tit Position Right Touch Right Touch Left Tit Left Touch Left Tit Left Touch Left Tit Position Right Touch Left Tit Position Right Touch Left Tit Position Right Touch Right Touch Right Touch Left Tit Left Touch Left Tit Left Touch Left Tit Position   | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95<br>127<br>127<br>127<br>127<br>127<br>Channel | (MHz) 6105 6265 6105 6265 6105 6265 6105 6265 6105 6265 Freq. (MHz) 6425 6425 6425 6425 6425 6425 6425 Freq. (MHz) 6565 6585 65865   | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 Measured Avg. Power (dBm) 12.96 12.96 12.96 12.96 12.96 12.96 13.98 13.98 13.98 13.98 13.98   | scaling   1.02 | scaling 100.39%, 103.51%, 100.93%, 103.51%, 100.93%, 103.51%, 100.93%, 103.51%, 100.93%, 100. | Measured 0.212 0.152 0.166 0.122 0.221 0.195 0.242 0.211 Averaged SAR Measured 0.051 0.095 0.091 Averaged SAR Measured 0.005 0.097 Averaged SAR Measured 0.102 0.128 0.102 0.128 0.102 0.128 0.078 | Reported   | Measured  1 0.755 0.839 0.598 0.942 0.825 1.03 0.892 Estimated APD Measured 0.309 0.217 0.669 0.493 Estimated APD Measured 0.599 0.732 0.227 Estimated APD Measured 0.599 0.732 0.227 Estimated APD Measured                     | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.942 Wim*2 (4cm*2) Reported 0.319 0.224 0.690 0.509 Wim*2 (4cm*2) Reported 0.752 0.338 0.233 Wim*2 (4cm*2) Reported                 |  |
| U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-5 6.2GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-6 6.5GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) U-NII-7 6.7GHz 802.11be(320M) Mode                               | Ant 8   | Right Touch Right Touch Right Tilt Right Tilt Right Tilt Left Touch Left Touch Left Touch Left Tilt Position  Right Touch Right Tilt Left Tilt Position  Right Touch Left Tilt  Position  Right Touch Left Tilt  Position  Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Left Touch Left Touch Left Touch Left Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch Right Touch | (mm)                     | 31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>31<br>63<br>Channel<br>95<br>95<br>95<br>95<br>127<br>127<br>127<br>127<br>127            | (MHz) 6105 6205 6105 6205 6105 6205 6105 6205 6105 6205 6105 6205 6405 6425 6425 6425 6425 6425 6425 Freq. (MHz) 6505 6585 6585 6585 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | Power + Max. Tolerance (dBm) 11.00 1 | (dBm) 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 10.85 10.96 | scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02  | scaling 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93% 103.51% 100.93%  | Measured 0.212 0.152 0.168 0.122 0.221 0.195 0.221 0.195 0.242 0.242 0.241 Averaged SAR Measured 0.051 0.045 0.091 Averaged SAR Measured 0.102 0.128 0.129 Averaged SAR                            | Reported   | Measured 1 0.755 0.839 0.998 0.994 0.942 0.827 0.829 0.822 Estimated APD Measured 0.589 0.443 Estimated APD Measured 0.589 0.493 Estimated APD Measured 0.589 0.329 0.227 0.329 0.329 0.329 0.329 0.329 0.329 0.329 0.329 0.3493 | Reported 1.031 0.799 0.865 0.633 0.972 0.873 1.062 0.944 0.944 0.944 0.944 0.944 0.949 0.944 0.949 0.949 0.949 0.949 0.949 0.9509 0.509 0.509 0.509 0.752 0.338 0.233 0.233 0.238 0.238 | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 险非只有给明,此想华红用魔影测验之缘具色素,同时此模具魔鬼宛如于。太极华土领太公司事而统可,太可知必遵测。

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Page: 532 of 939

# WIFI6E Head MIMO DSI1

| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|-------------------------------|---------|-------------|------------------|---------|----------------|-----|---------------------------------|------------------------|-----------------------|------------------|--------------|----------------|---------------|---------------|-----|
|                               |         |             | (11111)          |         | (WITZ)         |     | Tolerance (dBm)                 | (dBm)                  | scaling               | scaling          | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 31      | 6105           | 1   | 17.00                           | 16.50                  | 1.02                  | 112.20%          | 0.605        | 0.694          | 4.67          | 5.355         | 281 |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 63      | 6265           | 1   | 14.50                           | 14.48                  | 1.02                  | 100.46%          | 0.322        | 0.331          | 2.41          | 2.474         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 31      | 6105           | 1   | 17.00                           | 16.50                  | 1.02                  | 112.20%          | 0.342        | 0.392          | 1.39          | 1.594         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 63      | 6265           | 1   | 14.50                           | 14.48                  | 1.02                  | 100.46%          | 0.198        | 0.203          | 0.802         | 0.823         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 31      | 6105           | 1   | 17.00                           | 16.50                  | 1.02                  | 112.20%          | 0.468        | 0.537          | 2.33          | 2.672         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 63      | 6265           | 1   | 14.50                           | 14.48                  | 1.02                  | 100.46%          | 0.266        | 0.273          | 1.31          | 1.345         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 31      | 6105           | 1   | 17.00                           | 16.50                  | 1.02                  | 112.20%          | 0.355        | 0.407          | 1.75          | 2.007         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 63      | 6265           | 1   | 14.50                           | 14.48                  | 1.02                  | 100.46%          | 0.198        | 0.203          | 0.955         | 0.981         | -   |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|                               |         |             | (11111)          |         | (IVII IZ)      |     | Tolerance (dBm)                 | (dBm)                  | Scanny                | acanny           | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 95      | 6425           | 1   | 19.00                           | 18.40                  | 1.02                  | 114.82%          | 0.586        | 0.688          | 4.27          | 5.010         | 282 |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 95      | 6425           | 1   | 19.00                           | 18.40                  | 1.02                  | 114.82%          | 0.098        | 0.115          | 0.673         | 0.790         | -   |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 95      | 6425           | 1   | 19.00                           | 18.40                  | 1.02                  | 114.82%          | 0.271        | 0.318          | 1.34          | 1.572         | -   |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 95      | 6425           | 1   | 19.00                           | 18.40                  | 1.02                  | 114.82%          | 0.205        | 0.241          | 1.22          | 1.432         | -   |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|                               |         |             | ()               |         | (141112)       |     | Tolerance (dBm)                 | (dBm)                  | bouning               | Joannig          | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 127     | 6585           | 1   | 20.00                           | 19.30                  | 1.02                  | 117.49%          | 0.588        | 0.706          | 4.72          | 5.668         | 283 |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 127     | 6585           | 1   | 20.00                           | 19.30                  | 1.02                  | 117.49%          | 0.275        | 0.330          | 1.64          | 1.969         | -   |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 127     | 6585           | 1   | 20.00                           | 19.30                  | 1.02                  | 117.49%          | 0.305        | 0.366          | 1.73          | 2.077         | -   |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 127     | 6585           | 1   | 20.00                           | 19.30                  | 1.02                  | 117.49%          | 0.086        | 0.103          | 0.742         | 0.891         | -   |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR |                | Estimated APD | , ,           | ID  |
|                               |         |             | . ,              |         | . ,            |     | Tolerance (dBm)                 | (dBm)                  |                       |                  | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 191     | 6905           | 1   | 20.00                           | 19.50                  | 1.02                  | 112.20%          | 0.622        | 0.713          | 5.29          | 6.066         | 284 |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 191     | 6905           | 1   | 20.00                           | 19.50                  | 1.02                  | 112.20%          | 0.247        | 0.283          | 1.5           | 1.720         | -   |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 191     | 6905           | 1   | 20.00                           | 19.50                  | 1.02                  | 112.20%          | 0.438        | 0.502          | 2.81          | 3.222         | -   |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 191     | 6905           | 1   | 20.00                           | 19.50                  | 1.02                  | 112.20%          | 0.279        | 0.320          | 1.73          | 1.984         | -   |
|                               |         |             |                  |         |                |     |                                 |                        |                       |                  |              |                |               |               |     |

# WIFI6E Head MIMO DSI2

| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.      | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID |
|-------------------------------|---------|-------------|------------------|---------|------------|-----|---------------------------------|------------------------|-----------------------|------------------|--------------|----------------|---------------|---------------|----|
|                               |         |             | ()               |         | (111112)   |     | Tolerance (dBm)                 | (dBm)                  | Jodinig               | Joannig          | Measured     | Reported       | Measured      | Reported      |    |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 31      | 6105       | 2   | 14.00                           | 13.50                  | 1.02                  | 112.20%          | 0.312        | 0.358          | 2.03          | 2.328         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 63      | 6265       | 2   | 14.00                           | 13.30                  | 1.02                  | 117.49%          | 0.284        | 0.341          | 1.79          | 2.149         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 31      | 6105       | 2   | 14.00                           | 13.50                  | 1.02                  | 112.20%          | 0.185        | 0.212          | 1.01          | 1.158         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 63      | 6265       | 2   | 14.50                           | 13.30                  | 1.02                  | 131.83%          | 0.170        | 0.229          | 0.918         | 1.237         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 31      | 6105       | 2   | 14.00                           | 13.50                  | 1.02                  | 112.20%          | 0.242        | 0.278          | 1.17          | 1.342         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 63      | 6265       | 2   | 14.50                           | 13.30                  | 1.02                  | 131.83%          | 0.235        | 0.317          | 1.14          | 1.536         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 31      | 6105       | 2   | 14.00                           | 13.50                  | 1.02                  | 112.20%          | 0.165        | 0.189          | 0.983         | 1.127         | -  |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 63      | 6265       | 2   | 14.50                           | 13.30                  | 1.02                  | 131.83%          | 0.156        | 0.210          | 0.929         | 1.252         | -  |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.      | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID |
|                               |         |             | ()               |         | (1411 122) |     | Tolerance (dBm)                 | (dBm)                  | Journa                | Joannig          | Measured     | Reported       | Measured      | Reported      |    |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 95      | 6425       | 2   | 16.00                           | 15.30                  | 1.02                  | 117.49%          | 0.305        | 0.366          | 2.25          | 2.702         | -  |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 95      | 6425       | 2   | 16.00                           | 15.30                  | 1.02                  | 117.49%          | 0.042        | 0.050          | 0.381         | 0.457         | -  |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 95      | 6425       | 2   | 16.00                           | 15.30                  | 1.02                  | 117.49%          | 0.158        | 0.190          | 0.884         | 1.061         | -  |
| U-NII-6 6.5GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 95      | 6425       | 2   | 16.00                           | 15.30                  | 1.02                  | 117.49%          | 0.110        | 0.132          | 0.763         | 0.916         | -  |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.      | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID |
|                               |         |             | ()               |         | (          |     | Tolerance (dBm)                 | (dBm)                  |                       |                  | Measured     | Reported       | Measured      | Reported      |    |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 127     | 6585       | 2   | 17.00                           | 16.30                  | 1.02                  | 117.49%          | 0.339        | 0.407          | 2.39          | 2.870         | -  |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 127     | 6585       | 2   | 17.00                           | 16.30                  | 1.02                  | 117.49%          | 0.153        | 0.184          | 0.938         | 1.126         | -  |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 127     | 6585       | 2   | 17.00                           | 16.30                  | 1.02                  | 117.49%          | 0.186        | 0.223          | 0.847         | 1.017         | -  |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 127     | 6585       | 2   | 17.00                           | 16.30                  | 1.02                  | 117.49%          | 0.042        | 0.050          | 0.331         | 0.397         | -  |
| Mode                          | Antenna | Position    | Distance<br>(mm) | Channel | Freq.      | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID |
|                               |         |             | ()               |         | ()         |     | Tolerance (dBm)                 | (dBm)                  |                       |                  | Measured     | Reported       | Measured      | Reported      |    |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Right Touch | -                | 191     | 6905       | 2   | 17.00                           | 16.20                  | 1.02                  | 120.23%          | 0.367        | 0.451          | 2.28          | 2.801         | -  |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Right Tilt  | -                | 191     | 6905       | 2   | 17.00                           | 16.20                  | 1.02                  | 120.23%          | 0.142        | 0.174          | 1.01          | 1.241         | -  |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Left Touch  | -                | 191     | 6905       | 2   | 17.00                           | 16.20                  | 1.02                  | 120.23%          | 0.244        | 0.300          | 1.49          | 1.831         | -  |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Left Tilt   | -                | 191     | 6905       | 2   | 17.00                           | 16.20                  | 1.02                  | 120.23%          | 0.113        | 0.139          | 0.989         | 1.215         | -  |
|                               |         |             | l                | l       | l          | l   | L                               |                        | L                     | L                | L            | l              |               |               |    |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 533 of 939

### WIFI6E Body-worn

| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR             | over 1g (W/kg) | Estimated APD             | W/m^2 (4cm^2) | ID  |
|-------------------------------|---------|---------------|------------------|---------|----------------|-----|--|---------------------------------|-----------------------|------------------|--------------------------|----------------|---------------------------|---------------|-----|
|                               |         |               | (11111)          |         | (IVITIZ)       |     | Tolerance (dBm)                                    | (dBm)                           | Scaling               | Scaling          | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7    | Front Surface | 15               | 31      | 6105           | 0/3 | 15.00  | 14.99                           | 1.02                  | 100.23%          | 0.051                    | 0.052          | 0.426                     | 0.436         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7    | Front Surface | 15               | 63      | 6265           | 0/3 | 14.50  | 14.48                           | 1.02                  | 100.46%          | 0.030                    | 0.031          | 0.258                     | 0.265         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7    | Back Surface  | 15               | 31      | 6105           | 0/3 | 15.00  | 14.99                           | 1.02                  | 100.23%          | 0.084                    | 0.086          | 0.991                     | 1.015         | 285 |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7    | Back Surface  | 15               | 63      | 6265           | 0/3 | 14.50  | 14.48                           | 1.02                  | 100.46%          | 0.053                    | 0.054          | 0.611                     | 0.627         | -   |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle scaling    | Power scaling    | Averaged SAR<br>Measured | over 1g (W/kg) | Estimated APD<br>Measured | W/m^2 (4cm^2) | ID  |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant7    | Front Surface | 15               | 111     | 6505           | 0/3 | 20.00  | 19.98                           | 1.04                  | 100.46%          | 0.086                    | 0.090          | 0.582                     | 0.608         |     |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant7    | Back Surface  | 15               | 111     | 6505           | 0/3 | 20.00  | 19.98                           | 1.04                  | 100.46%          | 0.000                    | 0.090          | 2.1                       | 2 194         | 286 |
| Mode                          | Antenna | Position      | Distance (mm)    | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle<br>scaling | Power scaling    |                          | over 1g (W/kg) |                           | W/m^2 (4cm^2) | ID  |
|                               |         |               | ()               |         | ()             |     | Tolerance (dBm)                                    | (dBm)                           |                       |                  | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7    | Front Surface | 15               | 127     | 6585           | 0/3 | 19.00  | 18.97                           | 1.02                  | 100.69%          | 0.054                    | 0.056          | 0.503                     | 0.518         | -   |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7    | Back Surface  | 15               | 127     | 6585           | 0/3 | 19.00  | 18.97                           | 1.02                  | 100.69%          | 0.313                    | 0.322          | 2.15                      | 2.213         | 287 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.          | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR             | over 1g (W/kg) | Estimated APD             | W/m^2 (4cm^2) | ID  |
|                               |         |               | , ,              |         | , ,            |     | Tolerance (dBm)                                    | (dBm)                           |                       |                  | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7    | Front Surface | 15               | 191     | 6905           | 0/3 | 19.00  | 18.89                           | 1.02                  | 102.57%          | 0.010                    | 0.010          | 0.158                     | 0.166         | -   |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7    | Back Surface  | 15               | 191     | 6905           | 0/3 | 19.00  | 18.89                           | 1.02                  | 102.57%          | 0.273                    | 0.286          | 2.31                      | 2.421         | 288 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle scaling    | Power scaling    |                          | over 1g (W/kg) |                           | W/m^2 (4cm^2) | ū   |
|                               |         |               |                  |         |                |     | Tolerance (dBm)                                    | (dBm)                           |                       |                  | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-5 6.2GHz 802.11be(320M) | Ant 8   | Front Surface | 15               | 31      | 6105           | 0/3 | 15.00  | 14.98                           | 1.02                  | 100.46%          | 0.013                    | 0.013          | 0.11                      | 0.113         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant 8   | Front Surface | 15               | 63      | 6265           | 0/3 | 14.00  | 13.98                           | 1.02                  | 100.46%          | 0.011                    | 0.011          | 0.093                     | 0.095         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant 8   | Back Surface  | 15               | 31      | 6105           | 0/3 | 15.00  | 14.98                           | 1.02                  | 100.46%          | 0.231                    | 0.237          | 1.82                      | 1.869         | 289 |
| U-NII-5 6.2GHz 802.11be(320M) | Ant 8   | Back Surface  | 15               | 63      | 6265           | 0/3 | 14.00  | 13.98                           | 1.02                  | 100.46%          | 0.195                    | 0.200          | 1.51                      | 1.550         | -   |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power          | Duty cycle<br>scaling | Power scaling    | Averaged SAR             | over 1g (W/kg) | Estimated APD             | W/m^2 (4cm^2) | ID  |
|                               |         |               | ()               |         | (IVII IL)      |     | Tolerance (dBm)                                    | (dBm)                           | bouning               | boaring          | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant 8   | Front Surface | 15               | 111     | 6505           | 0/3 | 19.50  | 19.45                           | 1.04                  | 101.16%          | 0.019                    | 0.020          | 0.153                     | 0.161         | -   |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant 8   | Back Surface  | 15               | 111     | 6505           | 0/3 | 19.50  | 19.45                           | 1.04                  | 101.16%          | 0.608                    | 0.640          | 5.88                      | 6.186         | 290 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.<br>Tolerance (dBm) | Measured<br>Avg. Power<br>(dBm) | Duty cycle<br>scaling | Power scaling    |                          | over 1g (W/kg) |                           | W/m^2 (4cm^2) | ID  |
|                               |         |               |                  |         |                |     | ( )  | ` '                             |                       |                  | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-7 6.7GHz 802.11be(320M) | Ant 8   | Front Surface | 15               | 127     | 6585           | 0/3 | 19.00  | 18.98                           | 1.02                  | 100.46%          | 0.011                    | 0.011          | 0.145                     | 0.149         | -   |
| U-NII-7 6.7GHz 802.11be(320M) | Ant 8   | Back Surface  | 15               | 127     | 6585           | 0/3 | 19.00  | 18.98                           | 1.02                  | 100.46%          | 0.594                    | 0.610          | 5.96                      | 6.119         | 291 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.<br>(MHz) | DSI | Max. Rated Avg.<br>Power + Max.                    | Measured<br>Avg. Power<br>(dBm) | Duty cycle<br>scaling | Power scaling    |                          | over 1g (W/kg) |                           | W/m^2 (4cm^2) | ID  |
|                               |         |               |                  |         |                |     | Tolerance (dBm)                                    | ` '                             |                       |                  | Measured                 | Reported       | Measured                  | Reported      |     |
| U-NII-8 7.0GHz 802.11be(320M) | Ant 8   | Front Surface | 15               | 191     | 6905           | 0/3 | 18.00  | 17.98                           | 1.02                  | 100.46%          | 0.018                    | 0.018          | 0.145                     | 0.149         | -   |
| U-NII-8 7.0GHz 802.11be(320M) | Ant 8   | Back Surface  | 15               | 191     | 6905           | 0/3 | 18.00  | 17.98                           | 1.02                  | 100.46%          | 0.244                    | 0.251          | 4.3                       | 4.415         | 292 |

# WIFI6E Body-worn MIMO

| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.     | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|-------------------------------|---------|---------------|------------------|---------|-----------|-----|---------------------------------|------------------------|-----------------------|------------------|--------------|----------------|---------------|---------------|-----|
|                               |         |               | (11111)          |         | (IVII IZ) |     | Tolerance (dBm)                 | (dBm)                  | Scaling               | acamig           | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Front Surface | 15               | 31      | 6105      | 0/3 | 18.00                           | 17.30                  | 1.02                  | 117.49%          | 0.052        | 0.062          | 0.42          | 0.504         | -   |
| U-NII-5 6.2GHz 802.11be(320M) | Ant7+8  | Back Surface  | 15               | 31      | 6105      | 0/3 | 18.00                           | 17.30                  | 1.02                  | 117.49%          | 0.137        | 0.165          | 1.29          | 1.549         | 293 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.     | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power scaling    | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|                               |         |               | , ,              |         | , ,       |     | Tolerance (dBm)                 | (dBm)                  | J                     | ,                | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant7+8  | Front Surface | 15               | 111     | 6505      | 0/3 | 22.80                           | 21.50                  | 1.04                  | 134.90%          | 0.054        | 0.076          | 0.439         | 0.616         |     |
| U-NII-6 6.5GHz802.11ac(160M)  | Ant7+8  | Back Surface  | 15               | 111     | 6505      | 0/3 | 22.80                           | 21.50                  | 1.04                  | 134.90%          | 0.359        | 0.504          | 3.39          | 4.756         | 294 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.     | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|                               |         |               | ()               |         | (1411.12) |     | Tolerance (dBm)                 | (dBm)                  | Journa                | ocaning          | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Front Surface | 15               | 127     | 6585      | 0/3 | 22.00                           | 21.10                  | 1.02                  | 123.03%          | 0.067        | 0.084          | 0.511         | 0.642         | -   |
| U-NII-7 6.7GHz 802.11be(320M) | Ant7+8  | Back Surface  | 15               | 127     | 6585      | 0/3 | 22.00                           | 21.10                  | 1.02                  | 123.03%          | 0.487        | 0.612          | 4.63          | 5.821         | 295 |
| Mode                          | Antenna | Position      | Distance<br>(mm) | Channel | Freq.     | DSI | Max. Rated Avg.<br>Power + Max. | Measured<br>Avg. Power | Duty cycle<br>scaling | Power<br>scaling | Averaged SAR | over 1g (W/kg) | Estimated APD | W/m^2 (4cm^2) | ID  |
|                               |         |               | ()               |         | (William) |     | Tolerance (dBm)                 | (dBm)                  | ocanig                | boding           | Measured     | Reported       | Measured      | Reported      |     |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Front Surface | 15               | 191     | 6905      | 0/3 | 21.50                           | 20.20                  | 1.02                  | 134.90%          | 0.050        | 0.069          | 0.464         | 0.640         | -   |
| U-NII-8 7.0GHz 802.11be(320M) | Ant7+8  | Back Surface  | 15               | 191     | 6905      | 0/3 | 21.50                           | 20.20                  | 1.02                  | 134.90%          | 0.145        | 0.200          | 1.31          | 1.806         | 296 |

### Note:

Reported SAR = measured SAR \* Power scaling \* Duty cycle scaling Reported APD = measured APD \* Power scaling \* Duty cycle scaling

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 534 of 939

# **Summary of PD Results**

#### Head

|  |         |                             | Distance         |          | F              | Max. Rated Avg.                 | Measured                | T                  | D. d                  | Measurement                |                                    | PD res                             | ult(4cm)                           |                                    |            |
|--|---------|-----------------------------|------------------|----------|----------------|---------------------------------|-------------------------|--------------------|-----------------------|----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------|
| Mode   | Antenna | Position                    | (mm)             | Channel  | Freq.<br>(MHz) | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm)     | Tune-up<br>Scaling | Duty cycle<br>scaling | uncertainty                | Measured<br>Total psPD<br>(W/m^2)  | Reported<br>Total psPD<br>(W/m^2)  | Measured<br>Normal psPD<br>(W/m^2) | Reported<br>Normal psPD<br>(W/m^2) | ID         |
| WLAN 802.11be(320M)  | Ant7    | Front Surface               | 2                | 31       | 6105           | 14.00                           | 13.99                   | 100.23%            | 1.00                  | 1.55                       | 2.540                              | 3.946                              | 2.230                              | 3.464                              | 297        |
| U-NII-5  | Ant7    | Front Surface               | 2                | 63       | 6265           | 14.00                           | 13.92                   | 101.86%            | 1.00                  | 1.55                       | 0.692                              | 1.093                              | 0.604                              | 0.954                              | 298        |
| WLAN 802.11be(320M)<br>U-NII-6                             | Ant7    | Front Surface               | 2                | 95       | 6425           | 16.00                           | 15.95                   | 101.16%            | 1.00                  | 1.55                       | 5.890                              | 9.235                              | 4.680                              | 7.338                              | 299        |
| WLAN 802.11be(320M)  | Ant7    | Front Surface               | 2                | 127      | 6585           | 17.00                           | 16.98                   | 100.46%            | 1.00                  | 1.55                       | 2.380                              | 3.706                              | 1.980                              | 3.083                              | 300        |
| U-NII-7  | Ant7    | Front Surface               | 2                | 159      | 6745           | 17.00                           | 16.91                   | 102.09%            | 1.00                  | 1.55                       | 2.100                              | 3.323                              | 1.880                              | 2.975                              | -          |
| WLAN 802.11be(320M)<br>U-NII-8                             | Ant7    | Front Surface               | 2                | 191      | 6905           | 17.00                           | 16.99                   | 100.23%            | 1.00                  | 1.55                       | 2.070                              | 3.216                              | 1.850                              | 2.874                              | 301        |
|  |         |                             |                  |          | _              | Max. Rated Avg.                 | Measured                | _                  |                       |                            |                                    | PD res                             | ult(4cm)                           |                                    |            |
| Mode   | Antenna | Position                    | Distance<br>(mm) | Channel  | Freq.<br>(MHz) | Power + Max.<br>Tolerance (dBm) | Avg. Power<br>(dBm)     | Tune-up<br>Scaling | Duty cycle<br>scaling | Measurement<br>uncertainty | Measured<br>Total psPD             | Reported                           | Measured                           | Reported                           | ID         |
|  |         |                             |                  |          |                | roidiano (abiii)                | (ubili)                 | J                  |                       |                            | (W/m^2)                            | Total psPD<br>(W/m^2)              | Normal psPD<br>(W/m^2)             | Normal psPD<br>(W/m^2)             |            |
| WLAN 802.11be(320M)  | Ant 8   | Front Surface               | 2                | 31       | 6105           | 14.00                           | 13.98                   | 100.46%            | 1.00                  | 1.55                       |                                    |                                    |                                    |                                    | 302        |
| WLAN 802.11be(320M)<br>U-NII-5                             | Ant 8   | Front Surface               | 2                | 31<br>63 | 6105<br>6265   | ` ′                             | ` ′                     | 100.46%            | 1.00                  | 1.55                       | (W/m^2)                            | (W/m^2)                            | (W/m^2)                            | (W/m^2)                            | 302<br>303 |
|  |         |                             |                  |          |                | 14.00                           | 13.98                   |                    |                       |                            | (W/m^2)<br>1.310                   | (W/m^2)<br>2.040                   | (W/m^2)<br>1.150                   | (W/m^2)<br>1.791                   |            |
| U-NII-5  WLAN 802.11be(320M)  U-NII-6  WLAN 802.11be(320M) | Ant 8   | Front Surface               | 2                | 63       | 6265           | 14.00                           | 13.98                   | 101.86%            | 1.00                  | 1.55                       | (W/m^2)<br>1.310<br>1.480          | (W/m^2)<br>2.040<br>2.337          | (W/m^2)<br>1.150<br>1.280          | (W/m^2)<br>1.791<br>2.021          | 303        |
| U-NII-5<br>WLAN 802.11be(320M)<br>U-NII-6                  | Ant 8   | Front Surface Front Surface | 2                | 63<br>95 | 6265<br>6425   | 14.00<br>14.00<br>16.00         | 13.98<br>13.92<br>15.97 | 101.86%            | 1.00                  | 1.55                       | (W/m^2)<br>1.310<br>1.480<br>0.793 | (W/m^2)<br>2.040<br>2.337<br>1.238 | (W/m^2)<br>1.150<br>1.280<br>0.661 | (W/m^2)<br>1.791<br>2.021<br>1.032 | 303        |

**Body-wron** 

| •   |                   |  | Distance               |                 | Freq.                         | Max. Rated Avg.                                   | Measured                              | Tune-up                                  | Duty cycle           | Measurement                |  | PD res                                  | ult(4cm)  |   |                   |
|---|-------------------|--|------------------------|-----------------|-------------------------------|---|---------------------------------------|--|----------------------|----------------------------|--|---|---|---|-------------------|
| Mode  | Antenna           | Position                               | (mm)                   | Channel         | (MHz)                         | Power + Max.<br>Tolerance (dBm)                   | Avg. Power<br>(dBm)                   | Scaling                                  | scaling              | uncertainty                | Measured<br>Total psPD<br>(W/m^2)                | Reported<br>Total psPD<br>(W/m^2)       | Measured<br>Normal psPD<br>(W/m^2)                            | Reported<br>Normal psPD<br>(W/m^2)                | ID                |
| WLAN 802.11be(320M)   | Ant7              | Back Surface                           | 15                     | 31              | 6105                          | 15.00   | 14.99                                 | 100.23%                                  | 1.00                 | 1.55                       | 1.700  | 2.641                                   | 1.590   | 2.470   | 307               |
| U-NII-5   | Ant7              | Back Surface                           | 15                     | 63              | 6265                          | 15.00   | 14.99                                 | 100.23%                                  | 1.00                 | 1.55                       | 1.290  | 2.004                                   | 1.230   | 1.911   | 308               |
| WLAN 802.11ac(160M)<br>U-NII-6  | Ant7              | Back Surface                           | 15                     | 111             | 6505                          | 20.00   | 19.98                                 | 100.46%                                  | 1.00                 | 1.55                       | 1.960  | 3.052                                   | 1.840   | 2.865   | 309               |
| WLAN 802.11be(320M)   | Ant7              | Back Surface                           | 15                     | 127             | 6585                          | 19.00   | 18.97                                 | 100.69%                                  | 1.00                 | 1.55                       | 1.250  | 1.951                                   | 1.130   | 1.764   | -                 |
| U-NII-7   | Ant7              | Back Surface                           | 15                     | 159             | 6745                          | 19.00   | 18.87                                 | 103.04%                                  | 1.00                 | 1.55                       | 1.540  | 2.460                                   | 1.400   | 2.236   | 310               |
| WLAN 802.11be(320M)<br>U-NII-8  | Ant7              | Back Surface                           | 15                     | 191             | 6905                          | 19.00   | 18.89                                 | 102.57%                                  | 1.00                 | 1.55                       | 1.190  | 1.892                                   | 1.140   | 1.812   | 311               |
|   |                   |  |                        |                 |                               |   |                                       |  |                      |                            |  | PD res                                  | ult(4cm)  |   |                   |
|   |                   |  | Distance               |                 | F                             | Max. Rated Avg.                                   | Measured                              | T  | Donton consta        | **********                 |  |   | ()  |   |                   |
| Mode  | Antenna           | Position                               | Distance<br>(mm)       | Channel         | Freq.<br>(MHz)                | Power + Max. Tolerance (dBm)                      | Avg. Power<br>(dBm)                   | Tune-up<br>Scaling                       | Duty cycle scaling   | Measurement<br>uncertainty | Measured<br>Total psPD<br>(W/m^2)                | Reported<br>Total psPD<br>(W/m^2)       | Measured<br>Normal psPD<br>(W/m^2)                            | Reported<br>Normal psPD<br>(W/m^2)                | ID                |
| Mode  WLAN 802.11be(320M)   | Antenna<br>Ant 8  | Position  Back Surface                 |                        | Channel 31      |                               | Power + Max.                                      | Avg. Power                            |  |                      |                            | Total psPD                                       | Total psPD                              | Measured<br>Normal psPD                                       | Normal psPD                                       | ID 312            |
|   |                   |  | (mm)                   |                 | (MHz)                         | Power + Max.<br>Tolerance (dBm)                   | Avg. Power<br>(dBm)                   | Scaling                                  | scaling              | uncertainty                | Total psPD<br>(W/m^2)                            | Total psPD<br>(W/m^2)                   | Measured<br>Normal psPD<br>(W/m^2)                            | Normal psPD<br>(W/m^2)                            |                   |
| WLAN 802.11be(320M)   | Ant 8             | Back Surface                           | (mm)<br>15             | 31              | (MHz)<br>6105                 | Power + Max.<br>Tolerance (dBm)                   | Avg. Power<br>(dBm)                   | Scaling 100.46%                          | scaling              | uncertainty<br>1.55        | Total psPD<br>(W/m^2)<br>0.990                   | Total psPD<br>(W/m^2)<br>1.542          | Measured<br>Normal psPD<br>(W/m^2)<br>0.942                   | Normal psPD<br>(W/m^2)<br>1.467                   | 312               |
| WLAN 802 11be(320M)<br>U-NII-5<br>WLAN 802 11ac(160M)<br>U-NII-6<br>WLAN 802 11be(320M) | Ant 8             | Back Surface Back Surface              | (mm)<br>15             | 31 63           | (MHz)<br>6105<br>6265         | Power + Max.<br>Tolerance (dBm)<br>15.00          | Avg. Power<br>(dBm)<br>14.98          | Scaling<br>100.46%<br>100.46%            | 1.00<br>1.00         | 1.55<br>1.55               | Total psPD<br>(W/m^2)<br>0.990<br>3.490          | Total psPD<br>(W/m^2)<br>1.542<br>5.434 | Measured<br>Normal psPD<br>(W/m^2)<br>0.942<br>3.290          | Normal psPD<br>(W/m^2)<br>1.467<br>5.123          | 312<br>313        |
| WLAN 802-11be(320M) U-NII-5 WLAN 802-11ac(160M) U-NII-6                                 | Ant 8 Ant 8 Ant 8 | Back Surface Back Surface Back Surface | (mm)<br>15<br>15<br>15 | 31<br>63<br>111 | (MHz)<br>6105<br>6265<br>6505 | Power + Max.<br>Tolerance (dBm)<br>15.00<br>14.00 | Avg. Power<br>(dBm)<br>14.98<br>13.98 | Scaling<br>100.46%<br>100.46%<br>101.16% | 1.00<br>1.00<br>1.00 | 1.55<br>1.55<br>1.55       | Total psPD<br>(W/m^2)<br>0.990<br>3.490<br>2.520 | Total psPD (W/m^2) 1.542 5.434 3.951    | Measured<br>Normal psPD<br>(W/m^2)<br>0.942<br>3.290<br>2.470 | Normal psPD<br>(W/m^2)<br>1.467<br>5.123<br>3.873 | 312<br>313<br>314 |

#### Note:

Reported PD = measured PD \* Power scaling \* Duty cycle scaling \* Uncertainty scaling

#### 8.4 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

#### 8.5 Conclusion

The device is compliant because all the standalone results are less than their corresponding criteria.

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Page: 535 of 939

# 9 SIMULTANEOUS TRANSMISSION ANALYSIS

### 9.1 Simultaneous Transmission Scenarios:

| Simultaneous Transmit Configurations  | Head       | Body-worn  | Hotspot  |
|---|------------|------------|----------|
| WWAN + WLAN 2.4GHz (Ant 7 /Chain0)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + BT (Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 8 /Chain1)   | Yes        | Yes        | Yes      |
| WWAN + BT(Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 7 /Chain0)+ BT(Ant 7 /Chain0)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1) + BT(Ant 7 /Chain0)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 8 /Chain1) + BT(Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 7 /Chain0)+ BT(Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 8 /Chain1) + BT(Ant 8 /Chain1)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz MIMO (Ant 7 /Chain0+ Ant 8 /Chain1)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ BT(Ant 8 /Chain1)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 7 /Chain0)+ WLAN 5 GHz (Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 7 /Chain0)+ WLAN 2.4GHz (Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 5 GHz (Ant 7 /Chain0)+ WLAN 2.4GHz (Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ WLAN 5 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)                                    | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1)+ WLAN 5 GHz (Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1)+ WLAN 5 GHz (Ant 8 /Chain1)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 2.4GHz (Ant 7 /Chain0)+ WLAN 5 GHz (Ant 7 /Chain0)  | Yes        | Yes        | Yes      |
| WWAN + WLAN 6 GHz (Ant 7 /Chain0)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 8 /Chain1)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 7 /Chain0)+ BT(Ant 7 /Chain0)  | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 8 /Chain1) + BT(Ant 7 /Chain0)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 7 /Chain0)+ BT(Ant 8 /Chain1)  | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 8 /Chain1) + BT(Ant 8 /Chain1)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz MIMO (Ant 7 /Chain0+ Ant 8 /Chain1)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ BT(Ant 8 /Chain1)  WWAN + WLAN 2.4GHz (Ant 7 /Chain0)+ WLAN 6 GHz (Ant 8 /Chain1) | Yes<br>Yes | Yes<br>Yes | No<br>No |
| WWAN + WLAN 6 GHz (Ant 7 /Chain0)+ WLAN 2.4GHz (Ant 8 /Chain1)  | Yes        | Yes        | No       |
| WWAN + WLAN 6 GHz (Ant 7 /Chain0)+ WLAN 2.4GHz (Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | No       |
| WWAN + WLAN 2.4GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)+ WLAN 6 GHz MIMO (Ant 7 /Chain0+Ant 8 /Chain1)                                    | Yes        | Yes        | No       |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1)+ WLAN 6 GHz (Ant 8 /Chain1)+ BT(Ant 7 /Chain0)   | Yes        | Yes        | No       |
| WWAN + WLAN 2.4GHz (Ant 8 /Chain1)+ WLAN 6 GHz (Ant 8 /Chain1)  | Yes        | Yes        | No       |
| WWAN + WLAN 2.4GHz (Ant 7 /Chain0)+ WLAN 6 GHz (Ant 7 /Chain0)  | Yes        | Yes        | No       |

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Page: 536 of 939

#### **Estimated SAR calculation**

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

Estimated SAR = 
$$\frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{\text{f(GHz)}}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

#### 9.3 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by (SAR1 + SAR2)^1.5/Ri, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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Page: 537 of 939

# **Simultaneous Transmission Combination** Head

| WWAN + WLAN +      | * Bluetooth              |                  |                          |                          |                       |                        | Report                 | ad SAR              |                        |                        |                        |                        |                     | Scenario1    | Scenario2    | Scenario3      | Somerio4    | Scenario5    | Scenario6    | Scenario7    | Scenario8      | Scenario9    | Scenario10   |
|--------------------|--------------------------|------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|------------------------|------------------------|---------------------|--------------|--------------|----------------|-------------|--------------|--------------|--------------|----------------|--------------|--------------|
|                    |                          |                  | 2                        | 3                        | 4                     | 5                      | 6                      | 7                   | 80                     | 9                      | 10                     | - 11                   | 12                  | 1+7+8        | 1+7+9        | 1+3+5+8        | 1+4+7       | 1+3+6+8      | 1+8+12       | 1+9+12       | 1+3+8+10       | 1+4+12       | 1+3+8+11     |
| WWAN               | Exposure Position        | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7(Ch0) | 6GHz WLAN<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7+8 | Summed       | Summed       | Summed         | Summed      | Summed       | Summed       | Summed       | Summed         | Summed       | Summed       |
|                    |                          | 1g SAR<br>(W/kg) | tg SAR<br>(Wikg)         | 1g SAR<br>(Wkg)          | 1g SAR<br>(W/kg)      | 1g SAR<br>(Wikg)       | 1g SAR<br>(Wkg)        | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(Wikg)       | 1g SAR<br>(Wkg)        | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR(Wikg) | 1g SAR(W/kg) | 1g SAR(W/kg)   | 1g SAR(Wkg) | 1g SAR(Wikg) | 1g SAR(Wikg) | 1g SAR(W/kg) | 1g SAR(Wkg)    | 1g SAR(Wikg) | 1g SAR(Wikg) |
|                    | Right Touch              | 0.186            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 0.972        | 0.769        | 0.971          | 0.953       | 0.843        | 0.910        | 0.707        | 0.986          | 0.891        | 0.903        |
| Maximum WWAN Ant 1 | Right Tit                | 0.091            | 0.129                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.100                  | 0.139                  | 0.053                  | 0.173                  | 0.212               | 0.362        | 0.401        | 0.560          | 0.633       | 0.685        | 0.403        | 0.442        | 0.586          | 0.674        | 0.706        |
| MANUAL INITIAL ALL | Left Touch               | 0.255            | 0.239                    | 0.234                    | 0.254                 | 0.094                  | 0.245                  | 0.212               | 0.068                  | 0.082                  | 0.224                  | 0.228                  | 0.300               | 0.555        | 0.549        | 0.671          | 0.721       | 0.822        | 0.643        | 0.637        | 0.801          | 0.809        | 0.805        |
|                    | Left Titt                | 0.104            | 0.058                    | 0.364                    | 0.335                 | 0.021                  | 0.215                  | 0.199               | 0.042                  | 0.151                  | 0.023                  | 0.250                  | 0.189               | 0.345        | 0.454        | 0.531          | 0.638       | 0.725        | 0.335        | 0.444        | 0.533          | 0.628        | 0.760        |
|                    | Right Touch              | 0.311            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 1.097        | 0.894        | 1.096          | 1.078       | 0.968        | 1.035        | 0.832        | 1.111          | 1.016        | 1.028        |
| Maximum WWAN Ant?  | Right Tit                | 0.103            | 0.129                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.100                  | 0.139                  | 0.053                  | 0.173                  | 0.212               | 0.374        | 0.413        | 0.572          | 0.645       | 0.697        | 0.415        | 0.454        | 0.598          | 0.686        | 0.718        |
|                    | Left Touch               | 0.144            | 0.239                    | 0.234                    | 0.254                 | 0.094                  | 0.245                  | 0.212               | 0.068                  | 0.082                  | 0.224                  | 0.228                  | 0.300               | 0.444        | 0.438        | 0.560          | 0.610       | 0.711        | 0.532        | 0.526        | 0.690          | 0.698        | 0.694        |
|                    | Left Tilt                | 0.077            | 0.058                    | 0.364                    | 0.335                 | 0.021                  | 0.215                  | 0.199               | 0.042                  | 0.151                  | 0.023                  | 0.250                  | 0.189               | 0.318        | 0.427        | 0.504          | 0.611       | 0.698        | 0.308        | 0.417        | 0.506          | 0.601        | 0.733        |
|                    | Right Touch              | 0.632            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 1.418        | 1.215        | 1.417          | 1.399       | 1.289        | 1.356        | 1.153        | 1.432          | 1.337        | 1.349        |
| Maximum WWAN Ant3  | Right Tilt               | 0.594            | 0.129                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.100                  | 0.139                  | 0.053                  | 0.173                  | 0.212               | 0.865        | 0.904        | 1.063          | 1.136       | 1.188        | 0.908        | 0.945        | 1.089          | 1.177        | 1.209        |
|                    | Left Touch               | 0.908            | 0.239                    | 0.234                    | 0.254                 | 0.094                  | 0.245                  | 0.212               | 0.088                  | 0.082                  | 0.224                  | 0.228                  | 0.300               | 1.208        | 1.202        | 1.324          | 1.374       | 1.475        | 1.296        | 1290         | 1.454          | 1.462        | 1.458        |
|                    | Left Tit                 | 0.800            | 0.058                    | 0.364                    | 0.335                 | 0.021                  | 0.215                  | 0.199               | 0.042                  | 0.151                  | 0.023                  | 0.250                  | 0.189               | 1.041        | 1.150        | 1.227          | 1.334       | 1.421        | 1.031        | 1.140        | 1.229          | 1.324        | 1.456        |
|                    | Right Touch              | 0.789            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 1.575        | 1.372        | 1.574          | 1.556       | 1.446        | 1.513        | 1.310        | 1.589          | 1.494        | 1.506        |
| Maximum WWAN Ant4  | Right Tit                | 0.731            | 0.129                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.100                  | 0.139                  | 0.053                  | 0.173                  | 0.212               | 1.002        | 1.041        | 1.200          | 1.273       | 1.325        | 1.043        | 1.082        | 1.228          | 1.314        | 1.346        |
|                    | Left Touch               | 0.367            | 0.239                    | 0.234                    | 0.254                 | 0.094                  | 0.245                  | 0.212               |                        | 0.082                  | 0.224                  | 0.228                  | 0.300               | 0.657        | 0.651        | 0.773          | 0.823       | 0.924        | 0.745        | 0.739        | 0.903          | 0.911        | 0.907        |
|                    |                          |                  | 0.058                    | 0.364                    |                       | 0.021                  | 0.215                  |                     | 0.042                  | 0.151                  | 0.023                  |                        | 0.189               | 0.524        | 0.633        |                | 0.817       | 1,406        | 0.514        |              | 0.712          | 0.807        | 0.939        |
|                    | Right Touch<br>Right Tit | 0.749            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 1.535        | 1.332        | 1.534<br>0.597 | 1.516       | 0.722        | 1.473        | 1.270        | 1.549<br>0.623 | 0.711        | 1.468        |
| Maximum WWAN Ant5  | Left Touch               | 0.128            | 0.239                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.068                  | 0.139                  | 0.053                  | 0.173                  | 0.200               | 0.862        | 0.436        | 0.978          | 1.028       | 1.129        | 0.950        | 0.944        | 1.108          | 1.116        | 1.112        |
|                    | Left Titl                | 0.097            | 0.058                    | 0.364                    | 0.335                 | 0.021                  | 0.215                  | 0.112               | 0.042                  | 0.151                  | 0.023                  | 0.250                  | 0.189               | 0.338        | 0.447        | 0.524          | 0.631       | 0.718        | 0.328        | 0.437        | 0.526          | 0.621        | 0.753        |
|                    | Right Touch              | 0.056            | 0.541                    | 0.225                    | 0.254                 | 0.287                  | 0.159                  | 0.513               | 0.273                  | 0.070                  | 0.302                  | 0.219                  | 0.451               | 0.842        | 0.639        | 0.841          | 0.823       | 0.713        | 0.780        | 0.577        | 0.856          | 0.761        | 0.773        |
|                    | Right Tit.               | 0.005            | 0.129                    | 0.342                    | 0.371                 | 0.027                  | 0.152                  | 0.171               | 0.100                  | 0.139                  | 0.053                  | 0.173                  | 0.212               | 0.042        | 0.335        | 0.694          | 0.623       | 0.619        | 0.337        | 0.376        | 0.520          | 0.505        | 0.640        |
| Maximum WWAN AntiS | Left Touch               | 0.137            | 0.239                    | 0.234                    | 0.254                 | 0.094                  | 0.245                  | 0.212               | 0.068                  | 0.082                  | 0.033                  | 0.228                  | 0.300               | 0.437        | 0.431        | 0.553          | 0.603       | 0.704        | 0.525        | 0.519        | 0.683          | 0.691        | 0.687        |
|                    | Left Titl                | 0.062            | 0.058                    | 0.364                    | 0.335                 | 0.021                  | 0.215                  | 0.199               | 0.042                  | 0.151                  | 0.023                  | 0.250                  | 0.389               | 0.903        | 0.412        | 0.659          | 0.596       | 0.683        | 0.293        | 0.402        | 0.603          | 0.598        | 0.718        |
|                    |                          | 0.004            | 0.000                    | 0.304                    | 9.200                 | 0.041                  | 0.212                  | 0.199               | 0.092                  | 0.131                  | 0.023                  | 0.450                  | 0.109               | 0.303        | 9.714        | 0.400          | 0.390       | 0.003        | V.180        | 0.402        | 0.491          | 0.300        | 0.710        |

# **ENDC Active**

|                  | O AC                  |                           |                 |                  |                          |                           |                       |                 |                 |                     |                 |                |                 |                |                 |             |                |            |                |                |                |                |                |                |                |
|------------------|-----------------------|---------------------------|-----------------|------------------|--------------------------|---------------------------|-----------------------|-----------------|-----------------|---------------------|-----------------|----------------|-----------------|----------------|-----------------|-------------|----------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                  | NDC+ WLAN + Sluetooth |                           |                 |                  |                          |                           |                       |                 | Reported SAR    |                     |                 |                |                 |                |                 | Scenario1   | Scenario2      | Scenario3  | Scenario4      | Scenario5      | ScenarioS      | Scenario7      | Scenarioli     | Scenario9      | Scenario10     |
|                  |                       |                           | 0               | 1                | 2                        | 3                         | 4                     | 5               | ε               | 7                   | 8               | 9              | 10              | - 11           | 12              | 0+1+7+8     | 0+1+7+9        | 0+1+3+5+8  | 0+1+4+7        | 0+1+3+6+8      | 0+1+8+12       | 0+1+9+12       | 0+1+3+8+10     | 0+1+4+12       | 0+1+3+8+11     |
| LTE              | NR                    | Exposure Position         | WWAN            | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Antil(Ch1) | 2.4GHz WLAN<br>Ant7+8 | Ant/Ticht)      | AntiliCh1)      | SGHz WLAN<br>Act7+8 | Ant7(Ch0)       | Actifich1)     | Act7(Ch0)       | Ansili Ch 1)   | Ant7+8          | Summed      | Summed         | Summed     | Summed         | Summed         | Summed         | Summed         | Summed         | Summed         | Summed         |
|                  |                       | 1                         | 1g SAR          | 1g SAR           | 1g SAR                   | 1g SAR                    | 1g SAR                | 1g SAR          | 1g SAR          | 1g SAR              | 1g SAR          | 1g SAR         | 1g SAR          | 1g SAR         | 1g SAR          | 50 54800000 | to SARROWN     | to SAROWAN | to SAROWNO     | to SARAWAY)    | to SARWARA     | 5a 5400000a)   | 54 54000000    | 54 54000000    | to SAROWAY)    |
|                  |                       | Right Touch               | (W/kg)<br>0.244 | (Wilkg)<br>0.290 | (W/kg)<br>0.541          | (Wkg)<br>0.225            | (W/kg)<br>0.254       | (Wikg)<br>0.287 | (W/kg)<br>0.159 | (Wikg)<br>0.513     | (W/kg)<br>0.273 | (Wkg)<br>0.070 | (W/kg)<br>0.302 | (Wkg)<br>0.219 | (Wikg)<br>0.451 | 1,320       | 1.117          | 1.319      | 1.301          | 1.191          | 1,250          | 1.055          | 1.334          | 1,229          | 1,251          |
|                  |                       | Right Titl                | 0.058           | 0.186            | 0.129                    | 0.342                     | 0.254                 | 0.027           | 0.159           | 0.171               | 0.100           | 0.070          | 0.053           | 0.173          | 0.451           | 0.515       | 0.554          | 0.713      | 0.786          | 0.838          | 0.556          | 0.595          | 0.739          | 0.827          | 0.859          |
| LTE B2_Ant2      | NR n5_Ant3            | Left Touch                | 0.104           | 0.442            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.846       | 0.840          | 0.962      | 1.012          | 1.113          | 0.934          | 0.926          | 1.092          | 1,100          | 1.095          |
|                  |                       | Left Titl                 | 0.053           | 0.344            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.548       | 0.757          | 0.834      | 0.941          | 1.028          | 0.638          | 0.747          | 0.836          | 0.931          | 1.053          |
|                  |                       | Right Touch               | 0.244           | 0.191            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.221       | 1.018          | 1.220      | 1.202          | 1.092          | 1.159          | 0.955          | 1.235          | 1.140          | 1.152          |
| LTE B2 Ant2      | NR n71 AnD            | Right Titl                | 0.058           | 0.155            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.484       | 0.523          | 0.682      | 0.755          | 0.807          | 0.525          | 0.564          | 0.708          | 0.796          | 0.828          |
|                  |                       | Left Touch                | 0.104           | 0.366            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.770       | 0.764          | 0.885      | 0.995          | 1.037          | 0.858          | 0.852          | 1.016          | 1.024          | 1.020          |
|                  |                       | Right Touch               | 0.420           | 0.300            | 0.058                    | 0.225                     | 0.335                 | 0.021           | 0.159           | 0.199               | 0.042           | 0.070          | 0.023           | 0219           | 0.451           | 1.495       | 1.293          | 1.495      | 1.477          | 1.367          | 1.434          | 1.231          | 1.510          | 1.415          | 1.427          |
|                  |                       | Rahi Titi                 | 0.279           | 0.186            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.736       | 0.775          | 0.934      | 1.007          | 1.059          | 0.777          | 0.016          | 0.960          | 1,048          | 1.000          |
| LTE B2_Ant4      | NR n5_Ant3            | Left Touch                | 0.315           | 0.442            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 1.057       | 1.051          | 1.173      | 1.223          | 1.324          | 1.145          | 1.139          | 1.303          | 1.311          | 1.307          |
|                  |                       | Left Tit                  | 0.147           | 0.344            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.732       | 0.841          | 0.918      | 1.025          | 1.112          | 0.722          | 0.831          | 0.920          | 1.015          | 1.547          |
|                  |                       | Right Touch               | 0.420           | 0.191            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.397       | 1.194          | 1.395      | 1.378          | 1.268          | 1.335          | 1.132          | 1.411          | 1.316          | 1.325          |
| LTE B2_Ant4      | NR n71_Ant3           | Right Tit<br>Left Touch   | 0.279           | 0.155            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.705       | 0.744          | 1,097      | 0.976          | 1.028          | 1.059          | 0.785<br>1.053 | 0.929          | 1.017          | 1.049          |
|                  |                       | Left Titl                 | 0.147           | 0.300            | 0.239                    | 0.364                     | 0.335                 | 0.021           | 0.245           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.588       | 0.975          | 0.874      | 0.981          | 1.068          | 0.678          | 0.787          | 0.876          | 0.971          | 1.103          |
|                  |                       | Right Touch               | 0.244           | 0.115            | 0.541                    | 0.225                     | 0.355                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.322           | 0.219          | 0.451           | 1.145       | 0.943          | 1.545      | 1 127          | 1.017          | 1.0%           | 0.881          | 1.160          | 1.055          | 1.027          |
| LTE B2 Ant2      | NR n5 Ant1            | Right Tit                 | 0.058           | 0.061            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.390       | 0.429          | 0.588      | 0.661          | 0.713          | 0.431          | 0.470          | 0.614          | 0.702          | 0.734          |
| LTE B2_Ant2      | NR n5_Ant1            | Left Touch                | 0.104           | 0.180            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.055           | 0.082          | 0.224           | 0.228          | 0.300           | 0.584       | 0.578          | 0.700      | 0.750          | 0.851          | 0.672          | 0.665          | 0.830          | 0.838          | 0.834          |
|                  |                       | Left Titl                 | 0.053           | 0.088            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.392       | 0.501          | 0.578      | 0.685          | 0.772          | 0.382          | 0.491          | 0.580          | 0.675          | 0.807          |
|                  |                       | Right Touch               | 0.244           | 0.042            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.072       | 0.889          | 1.071      | 1.053          | 0.943          | 0.383          | 0.807          | 1.085          | 0.991          | 1.003          |
| LTE B2_Ant2      | NR n71_Ant1           | Right Tilt<br>Left Touch  | 0.058           | 0.013            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.485       | 0.381          | 0.540      | 0.613          | 0.665          | 0.583          | 0.422          | 0.566          | 0.654          | 0.686          |
|                  |                       | Left Titl                 | 0.063           | 0.001            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.335       | 0.444          | 0.521      | 0.628          | 0.715          | 0.375          | 0.434          | 0.523          | 0.618          | 0.750          |
|                  |                       | Right Touch               | 0.420           | 0.061            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.267       | 1.064          | 1,266      | 1.248          | 1.138          | 1.205          | 1.002          | 1.281          | 1.186          | 1.195          |
| LTE B2 Ant4      | NR n5 Ant1            | Right Titl                | 0.279           | 0.180            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.730       | 0.769          | 0.925      | 1.001          | 1.053          | 0.771          | 0.810          | 0.954          | 1.042          | 1.074          |
| LIL MONTH        | MATE AND AND          | Left Touch                | 0.315           | 0.088            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.703       | 0.697          | 0.819      | 0.809          | 0.970          | 0.791          | 0.785          | 0.949          | 0.957          | 0.953          |
|                  |                       | Left Titl                 | 0.147           | 0.013            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.388       | 0.497          | 0.574      | 0.681          | 0.768          | 0.378          | 0.487          | 0.576          | 0.671          | 0.803          |
| 1                | 1                     | Right Touch<br>Right Tit  | 0.420           | 0.013            | 0.541                    | 0.225                     | 0.254                 | 0.027           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1,219       | 0.670          | 1.215      | 1.200          | 1.090          | 1.157<br>0.672 | 0.954          | 1,233          | 1.138          | 1.150<br>0.975 |
| LTE B2_Ant4      | NR n71_Ant1           | Left Touch                | 0.279           | 0.001            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.1/1               | 0.100           | 0.082          | 0.053           | 0.173          | 0.202           | 0.646       | 0.640          | 0.762      | 0.902          | 0.913          | 0.734          | 0.711          | 0.892          | 0.900          | 0.895          |
| 1                | 1                     | Left Titl                 | 0.147           |                  | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.388       | 0.497          | 0.574      | 0.681          | 0.768          | 0.378          | 0.487          | 0.576          | 0.671          | 0.803          |
|                  |                       | Right Touch               | 0.244           | 0.106            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.136       | 0.933          | 1.135      | 1.117          | 1.007          | 1.074          | 0.871          | 0.576<br>1.150 | 1.055          | 1.067          |
| LTE B2_Ant2      | NR n66_Ant1           | Right Tit                 | 0.058           | 0.032            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.361       | 0.400          | 0.559      | 0.632          | 0.684          | 0.402          | 0.441          | 0.585          | 0.673          | 0.705          |
| LIL MONEY        | AR ING ART            | Left Touch                | 0.104           | 0.144            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.548       | 0.542          | 0.654      | 0.714          | 0.815          | 0.636          | 0.630          | 0.794          | 0.802          | 0.798          |
|                  |                       | Left Titl<br>Right Touch  | 0.053           | 0.045            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.349       | 0.458          | 0.535      | 0.642          | 0.729          | 0.339          | 0.448          | 0.537<br>1.004 | 0.632          | 0.764          |
|                  |                       | Right Titl                | 0.022           | 0.145            | 0.129                    | 0.342                     | 0.254                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.451           | 0.372       | 0.411          | 0.570      | 0.971          | 0.695          | 0.413          | 0.452          | 0.596          | 0.584          | 0.716          |
| LTE B2_Ant1      | NR n41_Ant2           | Left Touch                | 0.081           | 0.110            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.491       | 0.485          | 0.607      | 0.657          | 0.758          | 0.579          | 0.573          | 0.737          | 0.745          | 0.741          |
|                  |                       | Left Titl                 | 0.026           | 0.052            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.319       | 0.428          | 0.505      | 0.612          | 0.099          | 0.309          | 0.418          | 0.507          | 0.602          | 0.734          |
|                  |                       | Right Touch               | 0.420           | 0.205            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.411       | 1.208          | 1.410      | 1.392          | 1.282          | 1349           | 1.145          | 1.425          | 1.330          | 1.342          |
| LTE B2 Ant4      | NR n77 Ans2           | Right Tit                 | 0.279           | 0.098            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.648       | 0.687          | 0.845      | 0.919          | 0.971          | 0.689          | 0.726          | 0.872          | 0.960          | 0.992          |
|                  | -                     | Left Touch                | 0.315           | 0.123            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.738       | 0.732          | 0.854      | 0.904          | 1.005          | 0.826          | 0.820          | 0.984          | 0.992          | 0.988          |
|                  |                       | Right Touch               | 0.147           | 0.000            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.159           | 0.199               | 0.042           | 0.070          | 0.023           | 0219           | 0.109           | 1.583       | 1.380          | 1.582      | 1.554          | 1.454          | 1.521          | 1.318          | 1.597          | 1.502          | 1.514          |
|                  |                       | Right Tit                 | 0.420           | 0.068            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 9,618       | 0.657          | 0.816      | 0.009          | 0.941          | 0.659          | 0.698          | 0.842          | 0.930          | 0.962          |
| LTE 82_Ant4      | NR n77_AntS           | Left Touch                | 0.315           | 0.193            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.808       | 0.802          | 0.924      | 0.974          | 1.075          | 0.896          | 0.890          | 1.054          | 1.062          | 1.058          |
|                  |                       | Left Titl                 | 0.147           | 0.050            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.438       | 0.547          | 0.624      | 0.731          | 0.818          | 0.428          | 0.537          | 0.626          | 0.721          | 0.853          |
|                  |                       | Right Touch<br>Right Tit  | 0.420           | 320.0            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.262       | 1.059          | 1.251      | 1.243          | 1.133          | 1,200          | 0.997          | 1.276          | 1.181          | 1.193          |
| LTE B2_Ant4      | NR n77_Ant6           | Right Titl                | 0.279           | 0.025            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.575       | 0.614          | 0.773      | 0.846          | 0.898          | 0.616          | 0.655          | 0.799          | 0.887          | 0.919          |
|                  |                       | Left Touch                | 0.315           | 0.137            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.042           | 0.082          | 0.023           | 0.228          | 0.300           | 0.752       | 0.746          | 0.636      | 0.918          | 0.830          | 0.840          | 0.834          | 0.998          | 0.733          | 1.002<br>0.865 |
|                  |                       | Right Touch               | 0.244           | 0.466            | 0.541                    | 0.364                     | 0.335                 | 0.021           | 0.159           | 0.199               | 0.042           | 0.070          | 0.023           | 0219           | 0.109           | 1.495       | 1.293          | 1.495      | 1.477          | 1.367          | 1.434          | 1.231          | 1.510          | 1.415          | 1.427          |
|                  |                       | Right Tit                 | 0.058           | 0.333            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 9.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.662       | 0.701          | 0.860      | 0.933          | 0.985          | 0.703          | 0.742          | 0.886          | 0.974          | 1.006          |
| LTE B2_Ant2      | NR n77_Ans4           | Left Touch                | 0.104           | 0.201            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.605       | 0.599          | 0.721      | 0.771          | 0.872          | 0.693          | 0.687          | 0.851          | 0.859          | 0.855          |
|                  |                       | Left Titl                 | 0.063           | 0.154            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.458       | 0.567          | 0.544      | 0.751          | 0.838          | 0.448          | 0.557          | 0.646          | 0.741          | 0.873          |
|                  |                       | Right Touch               | 0.244           | 0.377            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.407       | 1.204          | 1.405      | 1.355          | 1.278          | 1345           | 1.142          | 1.421          | 1.326          | 1.335          |
| LTE B2_Ant2      | NR n77_Ant5           | Right Titl                | 0.058           | 0.058            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.397       | 0.435          | 0.595      | 0.658          | 0.720          | 0.438          | 0.477          | 0.621          | 0.709          | 0.741          |
|                  |                       | Left Touch<br>Left Tit    | 0.104           | 0.193            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245<br>0.215  | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.597       | 0.591          | 0.713      | 0.763          | 0.864          | 0.685          | 0.679          | 0.843<br>0.542 | 0.851          | 0.847          |
|                  |                       | Right Touch               | 0.063           | 0.056            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.159           | 0.199               | 0.042           | 0.070          | 0.023           | 0250           | 0.109           | 1,086       | 0.463          | 1.085      | 1.067          | 0.754          | 1.024          | 0.821          | 1,100          | 1.005          | 1.017          |
|                  | NR n77_Anti           | Right Titl                | 0.058           | 0.025            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.354       | 0.393          | 0.552      | 0.625          | 0.677          | 0.395          | 0.434          | 0.578          | 0.666          | 0.695          |
| LTE B2_Ant2      | NR n77_Anss           | Left Touch                | 0.104           | 0.137            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.541       | 0.535          | 0.657      | 0.707          | 0.808          | 0.629          | 0.623          | 0.787          | 0.795          | 0.791          |
|                  |                       | Left Tit                  | 0.063           | 0.062            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.366       | 0.475          | 0.552      | 0.659          | 0.746          | 0.356          | 0.465          | 0.554          | 0.649          | 0.781          |
|                  |                       | Right Touch               | 0.100           | 0.223            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.109       | 0.906          | 1.108      | 1.090          | 0.980          | 1.047          | 0.844          | 1.123          | 1.028          | 1.040          |
| LTE 65_Ant1      | NR n2_Ant2            | Right Tit<br>Left Touch   | 0.077           | 0.055            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.414       | 0.453          | 0.612      | 0.685          | 0.737<br>0.822 | 0.455          | 0.494          | 0.638          | 0.726          | 0.758<br>0.805 |
|                  |                       | Left Touch                | 0.150           | 0.105            | 0.239                    | 0.354                     | 0.254                 | 0.004           | 0.245           | 0.212               | 0.068           | 0.002          | 0.224           | 0.228          | 0.100           | 0.334       | 0.549          | 0.510      | 0.721          | 0.822          | 0.043          | 0.637          | 0.512          | 0.607          | 0.805          |
|                  |                       | Right Touch               | 0.100           | 0.486            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.372       | 1.109          | 1.371      | 1.353          | 1.243          | 1.310          | 1.107          | 1.386          | 1.291          | 1.303          |
| LTE B5_Ant1      | NR n2_Ant4            | Right Titl                | 0.077           | 0.316            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.554       | 0.703          | 0.862      | 0.935          | 0.987          | 0.705          | 0.744          | 0.888          | 0.976          | 1.008          |
| LIE MOJAKI       | 100.100,74114         | Left Touch                | 0.150           | 0.248            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.000       | 0.692          | 0.814      | 0.854          | 0.965          | 0.786          | 0.780          | 0.944          | 0.952          | 0.948          |
|                  |                       | Left Titl                 | 0.042           | 0.129            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 1.321       | 0.521          | 0.598      | 0.705          | 0.792          | 0.402          | 0.511          | 0.600          | 0.695          | 0.827          |
|                  |                       | Right Touch               | 0.312           | 0.086            | 0.541                    | 0.225                     | 0.254                 | 0.027           | 0.159           | 0.513               | 0.273           | 0.070          |                 | 0.219          | 0.451           | 0.573       | 0.612          |            | 1.302<br>0.844 | 1.192          | 1.259          |                | 0.797          | 0.885          | 1.252<br>0.917 |
| LTE 85_Ant3      | NR n2_Ant2            | Right Titl<br>Left Touch  | 0.566           | 0.105            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.082          | 0.053           | 0.173          | 0.212           | 0.573       | 0.612          | 0.771      | 1.137          | 1,238          | 1.059          | 1.053          | 1,217          | 1,225          | 1.221          |
|                  |                       | Left Tit                  | 0.389           | 0.041            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.671       | 0.780          | 0.857      | 0.954          | 1.051          | 0.661          | 0.770          | 0.859          | 0.954          | 1.085          |
|                  |                       | Right Touch               | 0.312           | 0.486            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.584       | 1.381          | 1.583      | 1.565          | 1.455          | 1.522          | 1.319          | 1.598          | 1.503          | 1.515          |
| LTE B5_Ant3      | NR n2 Ant4            | Right Titl                | 0.235           | 0.316            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.823       | 0.862          | 1.021      | 1.094          | 1.146          | 0.864          | 0.903          | 1.047          | 1.135          | 1.167          |
|                  | _                     | Left Touch<br>Left Tit    | 0.566           | 0.248            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 1.114       | 1.108          | 1.230      | 1.250          | 1.301          | 1,202          | 1.195          | 1360           | 1.368          | 1.354          |
|                  |                       | Right Touch               | 0.389           | 0.129            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.159           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 1,059       | 0.855          | 1.058      | 1.052          | 0.930          | 0.749          | 0.858          | 1.073          | 0.978          | 0.990          |
|                  |                       | Right Tit                 | 0.077           | 0.173            | 0.129                    | 0.342                     | 0.254                 | 0.027           | 0.152           | 0.513               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.410       | 0.449          | 0.608      | 0.681          | 0.930          | 0.451          | 0.490          | 0.634          | 0.722          | 0.754          |
| LTE B5_Ant1      | NR n66_Ant2           | Left Touch                | 0.150           | 0.092            | 0.229                    | 0.224                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.088           | 0.082          | 0.224           | 0.228          | 0.300           | 0.542       | 0.536          | 0.658      | 0.708          | 0.809          | 0.630          | 0.624          | 0.788          | 0.796          | 0.792          |
|                  |                       | Left Titl                 | 0.042           | 0.038            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.321       | 0.430          | 0.507      | 0.614          | 0.701          | 0.311          | 0.420          | 0.509          | 0.604          | 0.736          |
|                  |                       | Right Touch               | 0.100           | 0.475            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.361       | 1.158          | 1.360      | 1.342          | 1.232          | 1.299          | 1.095          | 1.375          | 1,280          | 1.292          |
| LTE 85 Ant1      | NR nSS Ant4           | Right Titl                | 0.077           | 0.381            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.729       | 0.755          | 0.927      | 1.000          | 1.052          | 0.770          | 0.809          | 0.953          | 1.041          | 1.073          |
|                  |                       | Left Touch                | 0.150           | 0.282            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.055           | 0.082          | 0.224           | 0.228          | 0.300           | 0.732       | 0.726          | 0.545      | 0.898          | 0.999          | 0.820          | 0.814          | 0.978          | 0.985          | 0.982          |
|                  |                       | Left Tit                  | 0.042           | 0.212            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.495       | 0.664          | 0.681      | 0.788          | 0.875          | 0.485          | 0.594          | 0.683          | 0.778          | 0.990          |
| 1                | 1                     | Right Touch<br>Right Tilt | 0.312           | 0.173            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.271       | 1.068          | 1.270      | 1.252          | 1.142          | 1.209          | 1.005          | 1.285          | 1.190          | 1.202          |
| LTE B5_Ant3      | NR n66_Ant2           | Left Touch                | 0.566           | 0.062            | 0.129                    | 0.342                     | 0.371                 | 0.094           | 0.152           | 0.1/1               | 0.055           | 0.082          | 0.053           | 0.173          | 0.202           | 0.958       | 0.952          | 1.074      | 1.124          | 1.225          | 1.046          | 1.040          | 1,204          | 1.212          | 1.208          |
| 1                | 1                     | Left Titl                 | 0.309           | 0.038            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.558       | 0.777          | 0.854      | 0.961          | 1.048          | 0.658          | 0.767          | 0.856          | 0.951          | 1.063          |
|                  |                       | Right Touch               | 0.312           | 0.475            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.573       | 1.370          | 1.572      | 1.554          | 1.444          | 1.511          | 1.308          | 1.587          | 1.492          | 1.504          |
| LTE 85_Ant3      | NR n66_Ans4           | Right Titl                | 0.236           | 0.381            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.888       | 0.927          | 1.085      | 1.159          | 1.211          | 0.929          | 0.968          | 1.112          | 1.200          | 1.232          |
|                  |                       | Left Touch                | 0.566           | 0.282            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.055           | 0.082          | 0.224           | 0.228          | 0.300           | 1.148       | 1.142          | 1.264      | 1.314          | 1.415          | 1.236          | 1.230          | 1.394          | 1.402          | 1.395          |
| $\overline{}$    |                       | Left Titl                 | 0.389           | 0.212            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.842       | 0.951          | 1.028      | 1.135          | 1.222          | 0.832          | 0.941          | 1.030          | 1.125          | 1.257          |
| 1                | 1                     | Right Touch<br>Right Tit  | 0.100           | 0.205            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.091       | 0.888<br>0.485 | 1.090      | 1.072          | 0.962          | 1.029          | 0.826          | 1.105          | 1.010          | 1.022          |
| LTE B5_Ant1      | NR n77_Ant2           | Right Titl<br>Left Touch  | 0.077           | 0.098            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.446       | 0.485          | 0.689      | 0.717          | 0.769          | 0.467          | 0.526          | 0.670          | 0.758          | 0.790          |
| 1                | 1                     | Left Tit                  | 0.150           | 0.055            | 0.058                    | 0.364                     | 0.254                 |                 | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.189           | 0.338       | 0.447          | 0.524      |                | 0.840          | 0.001          | 0.600          |                | 0.621          | 0.753          |
|                  |                       | Left Tilt<br>Right Touch  | 0.100           | 0.466            | 0.541                    | 0.225                     | 0.254                 | 0.021           | 0.215           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.352       | 1.149          | 1.351      | 0.631<br>1.333 | 1.223          | 1.290          | 1.087          | 0.526<br>1.366 | 1.271          | 1.283          |
| LTE B5_Ant1      | NR n77_Ans4           | Right Tit                 | 0.077           | 0.333            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.681       | 0.720          | 0.879      | 0.952          | 1.004          | 0.722          | 0.761          | 0.905          | 0.993          | 1.025          |
| Line and Johnson | NR.III./_PIIM         | Left Touch                | 0.150           | 0.201            | 0.239                    | 0.234                     | 0.254                 | 0.094           | 0.245           | 0.212               | 0.055           | 0.082          | 0.224           | 0.228          | 0.300           | 0.651       | 0.645          | 0.767      | 0.817          | 0.918          | 0.739          | 0.733          | 0.897          | 0.905          | 0.901          |
|                  |                       | Left Tit                  | 0.042           | 0.154            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.437       | 0.546          | 0.623      | 0.730          | 0.817          | 0.427          | 0.536          | 0.625          | 0.720          | 0.852          |
| 1                | 1                     | Right Touch               | 0.100           | 0.377            | 0.541                    | 0.225                     | 0.254                 | 0.287           | 0.159           | 0.513               | 0.273           | 0.070          | 0.302           | 0.219          | 0.451           | 1.263       | 1.060          | 1.262      | 1.244          | 1.134<br>0.739 | 1,201          | 0.998          | 1,277          | 1.182<br>0.728 | 0.760          |
| LTE 85_Ant1      | NR n77_AntS           | Right Titl<br>Left Touch  | 0.077           | 0.068            | 0.129                    | 0.342                     | 0.371                 | 0.027           | 0.152           | 0.171               | 0.100           | 0.139          | 0.053           | 0.173          | 0.212           | 0.416       | 0.455          | 0.614      | 0.687          | 0.739          | 0.457          | 0.496          | 0.640          | 0.728          | 0.750          |
| 1                | 1                     | Left Tit                  | 0.042           | 0.050            | 0.058                    | 0.364                     | 0.335                 | 0.021           | 0.215           | 0.199               | 0.042           | 0.151          | 0.023           | 0.250          | 0.109           | 0.333       | 0.442          | 0.519      | 0.626          | 0.713          | 0.323          | 0.432          | 0.521          | 0.616          | 0.748          |
|                  |                       |                           |                 |                  |                          |                           |                       |                 |                 |                     |                 |                |                 |                |                 |             |                |            |                |                |                |                |                |                |                |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 538 of 939

|               | TARREST MAN AND A PROPERTY. |   |                         |   |                               |                               |                            | 0   |                            |                             |  |                               |                              |                            | Constitut                      | Constant                       | Comments.                        | Connected                      | Countries                        | Countries                       | francis?                        | formals)                          | formid                          | Committee                                 |
|---------------|-----------------------------|---|-------------------------|---|-------------------------------|-------------------------------|----------------------------|---|----------------------------|-----------------------------|--|-------------------------------|------------------------------|----------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|---------------------------------|---------------------------------|-----------------------------------|---------------------------------|---|
| LTE           | NR                          |   | 0<br>WHAN               | 1<br>WWAN   | 2<br>2.4GHz WLAN              | 2.4GHz WLAN                   | 4<br>24GHI WLAN            | S 6 SGHz WLAN SGHz WLAN                             | 7<br>SGHI WLAN             | Bluetooth                   | g<br>Bluetooth   | 10<br>GGHz WLAN               | 11<br>6GHU WLAN              | 12<br>6GHz WLAN            | Scenario1<br>0+1+7+8<br>Summed | Scenario2<br>0+1+7+9<br>Summed | Scenario3<br>0+1+3+5+8<br>Summed | Scenarios<br>0+1+4+7<br>Summed | ScenarioS<br>0+1+3+6+8<br>Summed | Scenarios<br>0+1+8+12<br>Summed | Scenario?<br>0+1+9+12<br>Summed | Scenarios<br>0+1+3+8+10<br>Summed | Scenarioù<br>0+1+6+12<br>Summed | Scenariot0<br>0+1+3+8+11<br>Summed        |
| LTE           | NR.                         | Exposure Position                       | 1g SAR<br>(Wkg)         | 1g SAR<br>(Wkg)   | Ant/(Ch0)<br>1g SAR<br>(W/kg) | Anti(Ch1)<br>1g SAR<br>(Wikg) | Ant7+8<br>1g SAR<br>(Wikg) | Anti(Ch0) Anti(Ch1)<br>1g SAR 1g SAR<br>(Wkg) (Mkg) | Ant7+8<br>5g SAR<br>(Wikg) | An2(Ch0)<br>1g SAR<br>(Wkg) | Anti(Ch1)<br>1g SAR<br>(WKg)   | Ant7(Ch0)<br>1g SAR<br>(Wikg) | Anti(Ch1)<br>1g SAR<br>(Wkg) | Ant7+8<br>1g SAR<br>(M/kg) | 1g SAR(Wikg)                   | 1g SAR(Wikg)                   | 1g SAR(Wkg)                      | 1g SAR(Wkg)                    | 1g SAR(Wilg)                     | tg SAR(Wikg)                    | tg SAR(Wkg)                     | 1g SAR(Mikg)                      | tg SAR(Wkg)                     | 1g SAR(Wikg)                              |
| LTE BS_Ann    | NR n77_Anti                 | Right Touch<br>Right Tilt<br>Left Touch | 0.100                   | 0.056   | 0.541<br>0.129<br>0.290       | 0.225                         | 0.254<br>0.371<br>0.354    | 0.297 0.159<br>0.007 0.152<br>0.006 0.345           | 0.513                      | 0.223                       | 0.070<br>0.139<br>0.000  | 0.002                         | 0.219                        | 0.451                      | 0.942<br>0.373<br>0.587        | 0.729<br>0.412<br>0.584        | 0.941<br>0.571<br>0.700          | 0.923<br>0.664<br>0.759        | 0.813<br>0.896<br>0.854          | 0.890<br>0.414<br>0.425         | 0.453<br>0.453                  | 0.956                             | 0.961<br>0.665                  | 0.872                                     |
|               |                             | Left Tit<br>Right Touch                 | 0.042                   | 0.062   | 0.058                         | 0.364                         | 0.335                      | 0.001 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.345                          | 0.454                          | 0.531                            | 0.608                          | 0.725                            | 0.335                           | 0.444                           | 0.533                             | 0.628                           | 0.760<br>1.234                            |
| LTE BS_Avr3   | NR n77_An2                  | Right Tilt<br>Left Touch                | 0.236<br>0.566          | 0.098   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.084 0.345                          | 0.171                      | 0.100                       | 0.139  | 0.053<br>0.224                | 0.173                        | 0.212<br>0.300             | 0.605                          | 0.644                          | 0.903<br>1.105                   | 0.676<br>1.155                 | 0.926<br>1.256                   | 0.646<br>1.077                  | 0.685<br>1.071                  | 1.235                             | 0.917<br>1.243                  | 1,229                                     |
| LTE BS_AND    | NR n77_Ann                  | Right Touch<br>Right Tit                | 0.312<br>0.236          | 0.466   | 0.541<br>0.129                | 0.225                         | 0.254                      | 0.007 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.070  | 0.302                         | 0.219                        | 0.451<br>0.212             | 1.564                          | 1.361                          | 1.563                            | 1.565                          | 1435                             | 1502                            | 1299                            | 1.578                             | 1.493                           | 1.100<br>1.495<br>1.194                   |
| LIE ME, AND   | NKS//_AM                    | Left Touch<br>Left Tilt                 | 0.566                   | 0.201   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.042                       | 0.092  | 0.224                         | 0.228                        | 0.100                      | 1.067<br>0.784                 | 1.061                          | 1.183                            | 1,077                          | 1.934                            | 1.155<br>0.774                  | 1.549                           | 1.213<br>0.972                    | 1.007                           | 1.917                                     |
| LTE BS_ANS    | NR n77_AntS                 | Right Tilt<br>Left Touch                | 0.236                   | 0.068   | 0.129<br>0.239                | 0.342                         | 0.371                      | 0.007 0.152<br>0.006 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173                        | 0.451<br>0.212<br>0.300    | 0.575                          | 0.614<br>1.053                 | 0.773<br>1.175                   | 0.866<br>1.225                 | 0.898<br>1.326                   | 1.413<br>0.616<br>1.547         | 0.655<br>1.541                  | 0.799<br>1.905                    | 0.897<br>1.313                  | 0.919<br>1.309                            |
|               |                             | Left Tilt<br>Right Touch                | 0.389                   | 0.050   | 0.058<br>0.541                | 0.364<br>0.225                | 0.335<br>0.254             | 0.001 0.215<br>0.287 0.159                          | 0.199                      | 0.042<br>0.273              | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.680<br>1.156                 | 0.789<br>0.951                 | 0.866<br>1.153                   | 0.973<br>1.135                 | 1.000                            | 0.670<br>1.092                  | 0.779                           | 0.868<br>1.968                    | 0.963<br>1.073                  | 1.095<br>1.085                            |
| LTE BS_Avro   | NR n77_Anti                 | Right Tilt<br>Left Touch<br>Left Tilt   | 0.296<br>0.566<br>0.389 | 0.005<br>0.137<br>0.062                                     | 0.129<br>0.239<br>0.058       | 0.342<br>0.234<br>0.364       | 0.321<br>0.254<br>0.335    | 0.007 0.150<br>0.094 0.345<br>0.001 0.215           | 0.171                      | 0.100<br>0.088<br>0.042     | 0.139<br>0.092<br>0.151  | 0.053<br>0.224<br>0.022       | 0.173<br>0.228<br>0.250      | 0.212<br>0.300<br>0.189    | 0.532<br>1.003<br>0.692        | 0.921                          | 0.730<br>1.119<br>0.878          | 0.803<br>1.109<br>0.985        | 0.855<br>1.270<br>1.072          | 0.573<br>1.091<br>0.692         | 0.612<br>1.085<br>0.791         | 0.756<br>1.269<br>0.860           | 0.944<br>1.257<br>0.975         | 1.253<br>1.107                            |
| LTE B12_Ant1  | NR n2_An2                   | Right Touch<br>Right Tilt               | 0.051                   | 0.223   | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.070  | 0.302                         | 0.219                        | 0.451                      | 1.060                          | 0.857                          | 1.059                            | 1.041                          | 0.991<br>0.704                   | 0.990                           | 0.795                           | 1.074<br>0.605                    | 0.979                           | 0.991                                     |
|               |                             | Left Touch<br>Left Tit<br>Bloke Touch   | 0.093                   | 0.105   | 0.239<br>0.058<br>0.541       | 0.234<br>0.364<br>0.995       | 0.354<br>0.335<br>0.354    | 0.094 0.345<br>0.001 0.315<br>0.397 0.159           | 0.212                      | 0.042                       | 0.092<br>0.151<br>0.620  | 0.024                         | 0.228                        | 0.300<br>0.199<br>0.451    | 0.498<br>0.298<br>1.323        | 0.492                          | 0.614<br>0.484<br>1.992          | 0.664<br>0.591<br>1.304        | 0.765<br>0.676<br>1.194          | 0.586                           | 0.580<br>0.397<br>1.050         | 0.764<br>0.486<br>1.397           | 0.752<br>0.561<br>1.342         | 0.748<br>0.713<br>1.954                   |
| LTE 912_Ant1  | NR n2_Ann                   | Right Tilt<br>Left Touch                | 0.044                   | 0.316   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.004 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053<br>0.224                | 0.173                        | 0.212                      | 0.601                          | 0.670                          | 0.829                            | 0.902                          | 0.954                            | 0.672                           | 0.711                           | 0.865                             | 0.943                           | 0.975                                     |
|               |                             | Right Touch                             | 0.016                   | 0.129   | 0.541                         | 0.364                         | 0.335                      | 0.001 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.386<br>1.313                 | 0.495<br>1.110                 | 0.572<br>1.312                   | 1.294                          | 0.766<br>1.194                   | 1251                            | 1.048                           | 1.327                             | 0.669<br>1.232                  | 0.801<br>1.244                            |
| LTE B12_And   | NR n2_An2                   | Left Touch                              | 0.709                   | 0.105   | 0.239                         | 0.342                         | 0.254                      | 0.004 0.345<br>0.001 0.215                          | 0.171                      | 0.000                       | 0.092  | 0.224                         | 0.173<br>0.228<br>0.250      | 0.300                      | 0.485<br>1.154<br>0.726        | 1.108                          | 1,230                            | 1,290                          | 1391                             | 1202                            | 1.196                           | 1.360                             | 1.368                           | 1.364<br>1.361                            |
| LTE B12_And   | NR:s2_AsH                   | Right Touch<br>Right Tilt               | 0.304                   | 0.486<br>0.316  | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273<br>0.100              | 0.070  | 0.002                         | 0.219                        | 0.451                      | 1.576<br>0.735                 | 1.373                          | 1,575                            | 1.557                          | 1.447                            | 1.514<br>0.776                  | 1,311                           | 1.590                             | 1.665                           | 1.079                                     |
|               |                             | Left Tot<br>Right Touch                 | 0.444<br>0.051          | 0.129   | 0.058                         | 0.254<br>0.364<br>0.225       | 0.335                      | 0.004 0.245<br>0.001 0.215<br>0.267 0.159           | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.814<br>1.010                 | 0.923                          | 1,000                            | 1.107                          | 1.194                            | 0.904<br>0.948                  | 0.913<br>0.745                  | 1.002                             | 1.097                           | 1.229<br>0.941                            |
| LTE B12_Ant1  | NR n66_Ant2                 | Right Tilt<br>Left Touch                | 0.044                   | 0.062   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.094 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173                        | 0.212                      | 0.377<br>0.485                 | 0.416                          | 0.575                            | 0.648                          | 6.700<br>6.752                   | 0.418                           | 0.457                           | 0.601                             | 0.689                           | 0.721                                     |
|               |                             | Right Touch                             | 0.016                   | 0.038   | 0.058<br>0.541<br>0.130       | 0.364                         | 0.335                      | 0.001 0.215<br>0.287 0.159<br>0.007 0.159           | 0.199                      | 0.042                       | 0.151<br>0.070<br>0.130  | 0.022                         | 0.250                        | 0.199<br>0.451<br>0.212    | 0.295<br>1.312<br>0.696        | 0.404<br>1.109<br>0.715        | 0.481<br>1.311<br>0.694          | 0.586<br>1.293                 | 1.193                            | 0.295<br>1.250<br>0.217         | 0.394<br>1.047<br>0.776         | 0.483<br>1.326<br>0.600           | 0.578<br>1.201<br>1.000         | 0.710<br>1.243                            |
| LTE B12_Ant1  | NR nSE_AcM                  | Left Touch<br>Left Tit                  | 0.093                   | 0.292   | 0.239                         | 0.234                         | 0.254                      | 0.096 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.092  | 0.224                         | 0.228                        | 0.300                      | 0.675                          | 0.669                          | 0.791<br>0.655                   | 0.841<br>0.762                 | 0.942                            | 0.763                           | 0.757<br>0.568                  | 0.667                             | 0.929                           | 0.925                                     |
| LTE B12_And   | NR nSt_Ant2                 | Right Touch<br>Right Tilt<br>Left Touch | 0.904<br>0.148<br>0.209 | 0.173   | 0.541<br>0.129<br>0.290       | 0.225                         | 0.254<br>0.371<br>0.954    | 0.297 0.159<br>0.007 0.152<br>0.004 0.345           | 0.513                      | 0.273                       | 0.070<br>0.139<br>0.000  | 0.002                         | 0.219<br>0.173<br>0.009      | 0.451                      | 1,263<br>0.481<br>1,151        | 1.060<br>0.520<br>1.065        | 1.262                            | 1.264<br>0.752<br>1.967        | 1.134<br>0.804<br>1.360          | 1 201<br>0 522<br>1 100         | 0.591                           | 1.277<br>0.706<br>1.367           | 1.182<br>0.793<br>1.955         | 1.194<br>0.825<br>1.951                   |
|               |                             | Left Tilt<br>Right Touch                | 0.444                   | 0.008   | 0.058                         | 0.364                         | 0.335                      | 0.021 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.723<br>1.565                 | 0.832                          | 0.909<br>1.564                   | 1.016                          | 1.933                            | 0.713<br>1.503                  | 0.822<br>1.300                  | 0.911                             | 1.006                           | 1.138<br>1.496                            |
| LTE 912_And   | NR nd6_Anni                 | Right Tilt<br>Left Touch                | 0.148                   | 0.381   | 0.129                         | 0.342                         | 0.371<br>0.254<br>0.395    | 0.007 0.152<br>0.094 0.245<br>0.001 0.245           | 0.171                      | 0.100                       | 0.139<br>0.092<br>0.151  | 0.053<br>0.224                | 0.173<br>0.228<br>0.950      | 0.212<br>0.300<br>0.100    | 0.800<br>1.291<br>0.892        | 1.285                          | 0.998<br>1.607                   | 1.671                          | 1.123<br>1.558<br>1.077          | 0.841<br>1.379<br>0.887         | 0.880<br>1.373<br>0.996         | 1.024<br>1.537<br>1.085           | 1.112<br>1.545                  | 1.144<br>1.541                            |
| LTE B12_Ant1  | NR n77_Ant2                 | Right Touch<br>Right Tilt               | 0.051                   | 0.205   | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.070  | 0.002                         | 0.219                        | 0.451                      | 1.042                          | 0.829                          | 1.041                            | 1.023                          | 0.913<br>0.736                   | 0.990                           | 0.777                           | 1.056                             | 0.961                           | 0.973                                     |
|               |                             | Left Touch<br>Left Tit                  | 0.093                   | 0.123   | 0.239                         | 0.234                         | 0.354                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.092  | 0.224                         | 0.228                        | 0.100                      | 0.516                          | 0.510                          | 0.632<br>0.498                   | 0.682                          | 0.793                            | 0.004                           | 0.598                           | 0.762                             | 0.770<br>0.595                  | 0.766<br>0.727                            |
| LTE 912_Ant1  | NR n77_Anni                 | Right Tilt<br>Left Touch                | 0.044                   | 0.333   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.004 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053<br>0.224                | 0.173                        | 0.212                      | 0.649                          | 0.687                          | 0.845                            | 0.919                          | 0.971                            | 0.000                           | 0.728                           | 0.872                             | 0.960                           | 0.962                                     |
|               |                             | Right Touch                             | 0.016                   | 0.154<br>0.377<br>0.000                                     | 0.058<br>0.541                | 0.364                         | 0.395                      | 0.021 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151<br>0.070   | 0.023                         | 0.250                        | 0.199<br>0.451             | 0.411<br>1.214                 | 0.520<br>1.011                 | 0.597<br>1.213                   | 0.704<br>1.195                 | 0.791<br>1.085                   | 0.401<br>1.152                  | 0.510<br>0.949                  | 0.599<br>1.208                    | 0.694<br>1.130                  | 0.826<br>1.145                            |
| LTE B12_Ant1  | NR n77_AntS                 | Left Touch<br>Left Tit                  | 0.093                   | 0.193   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.092  | 0.224                         | 0.228                        | 0.300                      | 0.586                          | 0.580                          | 0.702                            | 0.752                          | 0.853                            | 0.674                           | 0.668                           | 0.802                             | 0.940                           | 0.936                                     |
| LTE 912_Ant1  | NR n77_Anti                 | Right Touch<br>Right Tilt               | 0.051                   | 0.056   | 0.541                         | 0.225                         | 0.254                      | 0.267 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.139  | 0.002                         | 0.219                        | 0.451                      | 0.993                          | 0.690                          | 0.892<br>0.538                   | 0.674                          | 0.764<br>0.663                   | 0.931                           | 0.628                           | 0.907                             | 0.812                           | 0.654                                     |
|               |                             | Left Tit<br>Right Touch                 | 0.016                   | 0.002   | 0.541                         | 0.264                         | 0.335                      | 0.001 0.215<br>0.007 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199<br>0.451             | 0.319                          | 0.428<br>1.092                 | 0.505<br>1.294                   | 0.612                          | 0.999                            | 0309                            | 0.418<br>1.030                  | 0.507                             | 0.602<br>1.214                  | 0.794<br>0.734<br>1.226                   |
| LTE 812_And   | NR n77_An2                  | Right Tilt<br>Left Touch                | 0.148                   | 0.098   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.004 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173                        | 0.212<br>0.300             | 0.517<br>1.132                 | 0.556<br>1.126                 | 0.715<br>1.988                   | 0.798<br>1.298                 | 1399                             | 0.558<br>1.220                  | 0.597<br>1.214                  | 0.761<br>1.378                    | 1.366                           | 1.362                                     |
|               |                             | Right Touch<br>Right Tit                | 0.664<br>0.304<br>0.168 | 0.055<br>0.466<br>0.333                                     | 0.058<br>0.541<br>0.129       | 0.364<br>0.225<br>0.342       | 0.335<br>0.254<br>0.371    | 0.001 0.215<br>0.287 0.159<br>0.007 0.152           | 0.199<br>0.513<br>0.171    | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199<br>0.451<br>0.212    | 0.760<br>1.556<br>0.752        | 0.849<br>1.353<br>0.791        | 0.909<br>1.555<br>0.950          | 1.003<br>1.537<br>1.023        | 1.120<br>1.427<br>1.075          | 0.730<br>1.494<br>0.793         | 0.839<br>1.291<br>0.832         | 0.929<br>1.570<br>0.976           | 1.023<br>1.475<br>1.064         | 1.155<br>1.497<br>1.096                   |
| LTE B12_Ant3  | NR n77_Ann                  | Left Touch<br>Left Tit                  | 0.709<br>0.664          | 0.201   | 0.239                         | 0.234                         | 0.254                      | 0.096 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.092  | 0.224                         | 0.228<br>0.250               | 0.300                      | 1,210                          | 1.204                          | 1.005                            | 1.076                          | 1.477                            | 1298                            | 1292                            | 1.456                             | 1.464<br>1.122                  | 1.460<br>1.254                            |
| LTE B12_And   | NR n77_AntS                 | Right Touch<br>Right Tit                | 0.148                   | 0.000   | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.139  | 0.002                         | 0.219                        | 0.451                      | 1.467<br>0.487                 | 1.264<br>0.526                 | 1.466<br>0.685                   | 1.469<br>0.759                 | 1.338<br>0.810                   | 1.405<br>0.528                  | 1202                            | 0.711                             | 1.386                           | 1.398                                     |
|               |                             | Laft Tit<br>Right Touch                 | 0.444                   | 0.060   | 0.058<br>0.541                | 0.364                         | 0.335                      | 0.001 0.215<br>0.267 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.189                      | 0.735                          | 0.943                          | 0.901                            | 1.020                          | 1.115                            | 0.725                           | 0.834                           | 0.923                             | 1.018                           | 1.150                                     |
| LTE B12_And   | NR n77_Anti                 | Right Tilt<br>Left Touch                | 0.148                   | 0.005   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.094 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173                        | 0.212                      | 1.160                          | 1.140                          | 1292                             | 0.715<br>1.312                 | 0.767<br>1.413                   | 0.485<br>1.234                  | 1228                            | 1.392                             | 0.756                           | 0.768<br>1.396                            |
| LTE BOO_Ant2  | NR:s2_Ass1                  | Right Touch<br>Right Tilt               | 0.125                   | 0.065   | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.070  | 0.302                         | 0.219                        | 0.451                      | 0.966                          | 0.763                          | 0.965                            | 0.947                          | 0.837                            | 0.904                           | 0.701<br>0.425                  | 0.980                             | 0.865                           | 0.897                                     |
| LIBROOMS      | M.12,M11                    | Left Touch<br>Left Tit                  | 0.079                   | 0.130   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.092  | 0.224                         | 0.228                        | 0.100                      | 0.509                          | 0.503                          | 0.625<br>0.556                   | 0.675                          | 0.776<br>0.750                   | 0.597                           | 0.591                           | 0.755<br>0.558                    | 0.763                           | 0.769                                     |
| LTE B30_And   | NR nSE_Ant1                 | Right Tit:<br>Left Touch                | 0.050                   | 0.002   | 0.129                         | 0.342<br>0.342                | 0.371                      | 0.007 0.152<br>0.094 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173                        | 0.451                      | 0.353<br>0.523                 | 0.992                          | 0.551<br>0.639                   | 0.624                          | 0.676<br>0.790                   | 0.394                           | 0.433<br>0.605                  | 0.577                             | 0.665<br>0.777                  | 0.667                                     |
|               |                             | Left Tit<br>Right Touch                 | 0.056                   | 0.045   | 0.058                         | 0.364                         | 0.305                      | 0.001 0.215<br>0.267 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.342<br>1.027                 | 0.451                          | 0.539<br>1.036                   | 1.008                          | 0.722<br>0.898                   | 0.332                           | 0.441                           | 0.530                             | 0.625                           | 0.757<br>0.958                            |
| LTE B30_And   | NR:s5_Ant1                  | Left Touch<br>Left Tit                  | 0.059                   | 0.180   | 0.239                         | 0.364                         | 0.254                      | 0.094 0.345<br>0.001 0.215                          | 0.171                      | 0.088                       | 0.092  | 0.224                         | 0.173                        | 0.300<br>0.109             | 0.559                          | 0.553                          | 0.675                            | 0.725                          | 0.05<br>0.06                     | 0.647<br>0.375                  | 0.641<br>0.494                  | 0.806                             | 0.813<br>0.668                  | 0.909                                     |
| LTE BOO_And   | NR nS_Anti                  | Right Touch<br>Right Tilt               | 0.125                   | 0.290<br>0.186  | 0.541                         | 0.225<br>0.342                | 0.254                      | 0.267 0.159<br>0.007 0.152                          | 0.513                      | 0.273<br>0.100              | 0.070  | 0.302                         | 0.219                        | 0.451                      | 1.201                          | 0.998<br>0.546                 | 1.200                            | 1.192<br>0.778                 | 1.072                            | 1.139<br>0.548                  | 0.936<br>0.587                  | 1.215                             | 1.120<br>0.919                  | 1.132<br>0.851                            |
|               |                             | Left Tit<br>Right Touch                 | 0.056                   | 0.344   | 0.541                         | 0.264                         | 0.335                      | 0.001 0.215<br>0.007 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199<br>0.451             | 0.641                          | 0.750                          | 0.827<br>1.296                   | 0.994                          | 1.021                            | 0 831<br>1 205                  | 0.740<br>1.002                  | 0.829                             | 1.075<br>0.924<br>1.196         | 1.056<br>1.198                            |
| LTE 800_Ann   | NR:nS_Ant1                  | Right Tilt<br>Left Touch                | 0.193                   | 0.061   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.004 0.345                          | 0.171                      | 0.100                       | 0.139  | 0.053<br>0.224                | 0.173                        | 0.212<br>0.300             | 0.515                          | 0.554<br>0.584                 | 0.713<br>0.716                   | 0.796                          | 0.8567                           | 0.556                           | 0.595<br>0.682                  | 0.799                             | 0.827<br>0.854                  | 0.850                                     |
|               |                             | Right Touch<br>Right Tit                | 0.166                   | 0.290   | 0.541<br>0.129                | 0.225                         | 0.254                      | 0.007 0.159<br>0.007 0.150                          | 0.513<br>0.513             | 0.002                       | 0.070  | 0.002                         | 0.219                        | 0.199<br>0.451<br>0.212    | 1.441                          | 1,238                          | 1.440                            | 1.422                          | 1312                             | 1379                            | 1.176<br>0.720                  | 1.455                             | 1.360                           | 1.372                                     |
| LTE BOO_AnM   | NR nS, Anti                 | Left Touch<br>Left Tit                  | 0.120                   | 0.442   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.088                       | 0.002  | 0.224                         | 0.228                        | 0.300                      | 0.992                          | 0.856                          | 0.978<br>0.977                   | 1.026                          | 1.129                            | 0.950                           | 0.944                           | 1.108                             | 1.116<br>0.974                  | 1.112<br>1.106                            |
| LTE ROO_ANN   | NR n77_An2                  | Right Touch<br>Right Tilt<br>Left Touch | 0.165<br>0.183<br>0.120 | 0.205<br>0.098<br>0.123                                     | 0.541<br>0.129<br>0.239       | 0.225<br>0.342<br>0.234       | 0.254<br>0.371<br>0.254    | 0.297 0.159<br>0.027 0.152<br>0.094 0.245           | 0.513<br>0.171<br>0.212    | 0.273<br>0.100<br>0.088     | 0.139  | 0.002<br>0.053                | 0.219<br>0.173<br>0.228      | 0.451<br>0.212<br>0.300    | 0.562<br>0.562                 | 1.153<br>0.591<br>0.537        | 1,365<br>0,750<br>0,659          | 1.337<br>0.823<br>0.709        | 1,227<br>0,875<br>0,810          | 1,294<br>0,593<br>0,621         | 1.091<br>0.632<br>0.625         | 0.776<br>0.789                    | 1.275<br>0.864<br>0.797         | 1.267<br>0.896<br>0.790                   |
|               |                             | Left Tilt<br>Right Touch                | 0.106                   | 0.065<br>0.377  | 0.058<br>0.541                | 0.364<br>0.225                | 0.335<br>0.254             | 0.001 0.215<br>0.287 0.159                          | 0.199                      | 0.042<br>0.273              | 0.151  | 0.023                         | 0.250                        | 0.189                      | 0.402<br>1.528                 | 0.511<br>1.325                 | 0.588<br>1.527                   | 0.695<br>1.509                 | 0.782<br>1.399                   | 0.392<br>1.466                  | 0.501<br>1.263                  | 0.590<br>1.542                    | 0.665<br>1.647                  | 0.917<br>1.459                            |
| LTE 930_Ann   | NR n77_AntS                 | Right Tilt<br>Left Touch<br>Left Tilt   | 0.193<br>0.120<br>0.106 | 0.068   | 0.129<br>0.239<br>0.058       | 0.342<br>0.234<br>0.364       | 0.321<br>0.254<br>0.335    | 0.007 0.150<br>0.094 0.345<br>0.001 0.215           | 0.171                      | 0.100<br>0.088<br>0.042     | 0.139<br>0.092<br>0.151  | 0.053<br>0.224<br>0.022       | 0.173<br>0.228<br>0.250      | 0.212<br>0.300<br>0.189    | 0.522<br>0.613<br>0.397        | 0.661<br>0.607<br>0.506        | 0.720<br>0.729<br>0.583          | 0.793<br>0.779<br>0.690        | 0.845<br>0.890<br>0.777          | 0.563<br>0.701<br>0.387         | 0.002                           | 0.766<br>0.859<br>0.585           | 0.954<br>0.967<br>0.660         | 0.966<br>0.963                            |
| LTE BOO_AnM   | NR n77_Anti                 | Right Touch<br>Right Tilt               | 0.365<br>0.183          | 0.192<br>0.050<br>0.056<br>0.055<br>0.137<br>0.062<br>0.466 | 0.541                         | 0.225<br>0.342                | 0.254                      | 0.267 0.159<br>0.007 0.152                          | 0.513                      | 0.273<br>0.100              | 0.070  | 0.302                         | 0.219                        | 0.451                      | 1.207                          | 1.004<br>0.518                 | 1.206                            | 1.199                          | 1.076                            | 1.145<br>0.520                  | 0.942                           | 1.221                             | 1.126                           | 1.138<br>0.823                            |
|               |                             | Left Touch<br>Left Tilt<br>Right Touch  | 0.120<br>0.106<br>0.125 | 0.137<br>0.062<br>0.466                                     | 0.239<br>0.058<br>0.541       | 0.234<br>0.364<br>0.225       | 0.254<br>0.335<br>0.254    | 0.094 0.245<br>0.001 0.215<br>0.267 0.159           | 0.212<br>0.199<br>0.513    | 0.088<br>0.042<br>0.273     | 0.092<br>0.151<br>0.070  | 0.023                         | 0.228<br>0.250<br>0.219      | 0.300<br>0.189<br>0.451    | 0.557<br>0.409<br>1.377        | 0.551<br>0.518<br>1.174        | 0.673<br>0.585<br>1.376          | 0.723<br>0.702<br>1.358        | 0.824<br>0.789<br>1.248          | 0.845                           | 0.639<br>0.508<br>1.112         | 0.803<br>0.597<br>1.391           | 0.811<br>0.692<br>1.296         | 0.824<br>1.308                            |
| LTE 830_And   | NR n77_Arm                  | Right Tilt<br>Left Touch                | 0.050                   | 0.333   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.094 0.245                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173<br>0.229               | 0.212                      | 0.654<br>0.580                 | 0.693                          | 0.652                            | 0.925                          | 0.977<br>0.847                   | 0.005                           | 0.734<br>0.862                  | 0.878                             | 0.966                           | 0.998                                     |
|               |                             | Right Touch<br>Right Tit                | 0.056<br>0.125<br>0.050 | 0.156<br>0.377<br>0.068                                     | 0.058<br>0.541<br>0.129       | 0.364<br>0.225<br>0.342       | 0.335<br>0.254<br>0.371    | 0.001 0.215<br>0.287 0.159<br>0.007 0.152           | 0.199<br>0.513<br>0.171    | 0.042                       | 0.151<br>0.070<br>0.139  | 0.023                         | 0.250<br>0.219<br>0.173      | 0.199<br>0.451<br>0.212    | 0.451<br>1.288<br>0.389        | 0.580<br>1.085<br>0.428        | 0.637<br>1.287<br>0.587          | 0.764<br>1.209<br>0.660        | 0.831<br>1.159<br>0.712          | 0.441<br>1.226<br>0.430         | 0.550<br>1.023<br>0.409         | 1.302                             | 0.734<br>1.207<br>0.701         | 0.966<br>1.219<br>0.720                   |
| LTE B30_And   | NR n77_AndS                 | Left Touch<br>Left Tilt                 | 0.079                   | 0.193   | 0.239<br>0.058                | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.088<br>0.042              | 0.092  | 0.023                         | 0.228<br>0.250               | 0.300                      | 0.572<br>0.347                 | 0.566<br>0.456                 | 0.688                            | 0.738                          | 0.839<br>0.727                   | 0.660                           | 0.654<br>0.446                  | 0.818<br>0.535                    | 0.630                           | 0.922                                     |
| LTE 800_And   | NR n77_Anti                 | Right Touch<br>Right Tilt<br>Left Touch | 0.125                   | 0.056<br>0.025<br>0.137                                     | 0.541<br>0.129<br>0.239       | 0.225<br>0.342<br>0.234       | 0.254<br>0.371<br>0.254    | 0.297 0.159<br>0.027 0.152<br>0.094 0.245           | 0.513<br>0.171<br>0.212    | 0.273<br>0.100<br>0.088     | 0.139  | 0.002<br>0.053<br>0.224       | 0.219<br>0.173<br>0.228      | 0.451<br>0.212<br>0.300    | 0.967<br>0.366<br>0.516        | 0.764<br>0.385<br>0.510        | 0.966<br>0.544<br>0.632          | 0.948<br>0.617<br>0.692        | 0.836                            | 0.905<br>0.387<br>0.604         | 0.702<br>0.426<br>0.598         | 0.981                             | 0.668<br>0.770                  | 0.898<br>0.690<br>0.766                   |
|               |                             | Right Touch                             | 0.056                   | 0.062   | 0.058                         | 0.364                         | 0.335<br>0.254             | 0.001 0.215<br>0.267 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.359<br>1.045                 | 0.468<br>0.842                 | 0.545<br>1.044                   | 0.652<br>1.026                 | 0.739<br>0.916                   | 0.349                           | 0.458<br>0.780                  | 0.547<br>1.059                    | 0.642                           | 0.774                                     |
| LTE B66_And   | NR n66_Ant1                 | Left Touch<br>Left Tit                  | 0.090                   | 0.166<br>0.065  | 0.239<br>0.058                | 0.234<br>0.364                | 0.254                      | 0.096 0.345<br>0.001 0.315                          | 0.212<br>0.199             | 0.088<br>0.042              | 0.082<br>0.151   | 0.224<br>0.023                | 0.228                        | 0.300                      | 0.524<br>0.512                 | 0.518<br>0.421                 | 0.640                            | 0.890                          | 0.791<br>0.892                   | 0.802<br>0.302                  | 0.606<br>0.411                  | 0.770                             | 0.778<br>0.595                  | 0.774<br>0.727                            |
| LTE B66_Ant1  | NR nett_And                 | Right Touch<br>Right Tilt               | 0.058                   | 0.145   | 0.541                         | 0.225                         | 0.254                      | 0.287 0.159<br>0.007 0.152                          | 0.513                      | 0.223                       | 0.070  | 0.002                         | 0.219                        | 0.451                      | 0.989                          | 0.796<br>0.413                 | 0.988                            | 0.645                          | 0.860                            | 0.927                           | 0.724<br>0.454                  | 1.003<br>0.598                    | 0.908                           | 0.900<br>0.718                            |
|               | <u> </u>                    | Left Tit<br>Right Touch                 | 0.034<br>0.153          | 0.193<br>0.062<br>0.198                                     | 0.239<br>0.058<br>0.541       | 0.234<br>0.364<br>0.225       | 0.354<br>0.355<br>0.254    | 0.001 0.215<br>0.027 0.159                          | 0.212<br>0.199<br>0.513    | 0.042<br>0.273              | 0.151<br>0.070   | 0.023<br>0.002                | 0.250<br>0.250               | 0.199<br>0.451             | 0.304<br>0.327<br>1.055        | 0.436<br>0.852                 | 0.613<br>1.054                   | 0.620<br>1.096                 | 0.771<br>0.707<br>0.926          | 0.317<br>0.317                  | 0.586<br>0.426<br>0.790         | 0.515<br>1.009                    | 0.010<br>0.010                  | 0.742<br>0.986                            |
| LTE BISS_Ant2 | NR:nS_Ant1                  | Right Tilt<br>Left Touch                | 0.099                   | 0.061   | 0.129                         | 0.342                         | 0.371                      | 0.007 0.152<br>0.004 0.345                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173<br>0.228               | 0.212<br>0.300             | 0.371                          | 0.410<br>0.554                 | 0.676                            | 0.642<br>0.726                 | 0.894<br>0.827                   | 0.412<br>0.649                  | 0.451<br>0.642                  | 0.565                             | 0.693<br>0.914                  | 0.715<br>0.810                            |
| LTE BISS_Ant2 | NR nS_Anti                  | Right Touch<br>Right Tit                | 0.153                   | 0.290   | 0.541<br>0.129                | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.131  | 0.002                         | 0.219                        | 0.451<br>0.212             | 1,229                          | 1.006                          | 1,228                            | 1210                           | 1.100                            | 1.967                           | 0.454<br>0.964<br>0.576         | 1.243                             | 1.148<br>0.908                  | 1.160                                     |
| LIS MIN, ALC  | NKIS,AIS                    | Left Touch<br>Left Tilt                 | 0.060                   | 0.442   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.001 0.215                          | 0.212                      | 0.042                       | 0.092  | 0.224                         | 0.229                        | 0.300                      | 0.922<br>0.611                 | 0.816                          | 0.908<br>0.797                   | 0.904                          | 1.099                            | 0.910<br>0.901                  | 0.904                           | 1.068                             | 1.076<br>0.894                  | 1.072                                     |
| LTE BISS_AnM  | NR nS_Ant1                  | Right Tilt<br>Left Touch                | 0.276                   | 0.061<br>0.180  | 0.129<br>0.239                | 0.342<br>0.234                | 0.321<br>0.354             | 0.007 0.152<br>0.004 0.345                          | 0.171<br>0.212             | 0.100                       | 0.139<br>0.092   | 0.053<br>0.224                | 0.173<br>0.229               | 0.212<br>0.300             | 0.608<br>0.608                 | 0.647<br>0.660                 | 0.806<br>0.792                   | 0.879                          | 0.921<br>0.923                   | 0.649<br>0.754                  | 0.000                           | 0.892                             | 0.920                           | 0.952                                     |
|               |                             | Bight Touch<br>Right Tit                | 0.126                   | 0.088   | 0.058                         | 0.264                         | 0.335                      | 0.021 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199<br>0.451             | 0.455<br>1.458                 | 1,255                          | 1.457                            | 0.749<br>1.439                 | 1329                             | 1,296                           | 1.193                           | 1.472                             | 0.738<br>1.377                  | 1.309                                     |
| LTE BBG_AnM   | NR nS_Anti                  | Left Touch                              | 0.186                   | 0.189   | 0.729                         | 0.234                         | 0.254                      | 0.004 0.345<br>0.004 0.345                          | 0.171                      | 0.000                       | 0.139<br>0.092<br>0.151  | 0.224                         | 0.228                        | 0.300                      | 0.929                          | 0.922                          | 1.044                            | 1.094                          | 1.195                            | 1.016                           | 1.010                           | 1.174                             | 1.182<br>1.182                  | 1.077                                     |
| LTE B66_And   | NR n71_Ant1                 | Right Touch<br>Right Tilt               | 0.153                   | 0.042   | 0.541                         | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.070  | 0.302                         | 0.219                        | 0.451                      | 0.981                          | 0.778<br>0.962                 | 0.980                            | 0.962                          | 0.852<br>0.646                   | 0.919                           | 0.716                           | 0.965                             | 0.900                           | 0.912                                     |
|               |                             | Left Touch<br>Left Tit<br>Right Touch   | 0.090                   | 0.081<br>0.091<br>0.194                                     | 0.239<br>0.058<br>0,541       | 0.234<br>0.364<br>0.995       | 0.254<br>0.335<br>0.364    | 0.094 0.345<br>0.001 0.315<br>0.387 0.455           | 0.212<br>0.199<br>0.613    | 0.088<br>0.042<br>0.223     | 0.082<br>0.151<br>g,620  | 0.224<br>0.023<br>0.000       | 0.228<br>0.250<br>0.249      | 0.300<br>0.199<br>0.411    | 0.461<br>0.298<br>1.130        | 0.455<br>0.407<br>0.917        | 0.577<br>0.484<br>1.179          | 0.627<br>0.591<br>1.444        | 0.729<br>0.679<br>1,001          | 0.549<br>0.299<br>1,044         | 0.543<br>0.397<br>0.365         | 0.707<br>0.496<br>5.544           | 0.715<br>0.581<br>1.049         | 0.711<br>0.713<br>1.064                   |
| LTE B66_And   | NR n71_Ant3                 | Right Tilt<br>Left Touch                | 0.039                   | 0.155<br>0.366  | 0.129<br>0.239                | 0.342                         | 0.321<br>0.354             | 0.007 0.152<br>0.006 0.345                          | 0.171<br>0.212             | 0.273<br>0.100<br>0.088     | 0.139<br>0.092   | 0.053<br>0.224                | 0.173<br>0.229               | 0.212<br>0.300             | 0.465<br>0.746                 | 0.504<br>0.740                 | 0.663<br>0.862                   | 0.736<br>0.912                 | 0.788<br>1.013                   | 0.506<br>0.834                  | 0.545<br>0.828                  | 0.689                             | 0.777<br>1.000                  | 0.909<br>0.996                            |
|               |                             | Earlt Tilt<br>Right Touch               | 0.026                   | 0.300<br>0.042<br>0.013                                     | 0.058<br>0.541                | 0.364                         | 0.335                      | 0.001 0.215<br>0.267 0.159                          | 0.199                      | 0.042                       | 0.151<br>0.070<br>0.139  | 0.023                         | 0.250                        | 0.199                      | 0.567<br>1.210                 | 1.007                          | 1209                             | 0.860<br>1.191<br>0.891        | 1.091                            | 0.557<br>1.148<br>0.601         | 0.945                           | 0.765<br>1.224<br>0.764           | 0.950<br>1.129                  | 0.902<br>1.141<br>0.904                   |
| LTE BISS_Arm  | NR n71_Ant1                 | Right Tilt<br>Left Touch<br>Left Tilt   | 0.276<br>0.196<br>0.126 | 0.001   | 0.129<br>0.239<br>0.058       | 0.342<br>0.234<br>0.364       | 0.371<br>0.254<br>0.305    | 0.007 0.152<br>0.004 0.245<br>0.001 0.215           | 0.171<br>0.212<br>0.199    | 0.100<br>0.088<br>0.042     | 0.092  | 0.053<br>0.224<br>0.023       | 0.173<br>0.229<br>0.250      | 0.212<br>0.300<br>0.109    | 0.560<br>0.567<br>0.398        | 0.581<br>0.507                 | 0.583<br>0.584                   | 0.733                          | 0.893<br>0.834<br>0.776          | 0.655                           | 0.640<br>0.649<br>0.497         | 0.913<br>0.586                    | 0.872<br>0.821<br>0.661         | 0.904<br>0.917<br>0.913                   |
| LTE BISS_ARM  | NR n71_And                  | Right Touch<br>Right Tilt<br>Left Touch | 0.392                   | 0.191   | 0.541                         | 0.225                         | 0.254                      | 0.287 0.159<br>0.027 0.152                          | 0.513<br>0.171             | 0.223                       | 0.070  | 0.000                         | 0.219                        | 0.451<br>0.212<br>0.300    | 1.359                          | 1.156                          | 1358                             | 1.360                          | 1230<br>1025                     | 1297                            | 1094                            | 1.373                             | 1.278<br>1.014                  | 1.290                                     |
|               |                             | Left Tit                                | 0.196<br>0.126<br>0.560 | 0.366<br>0.300<br>0.205                                     | 0.239<br>0.058<br>0.541       | 0.234<br>0.364<br>0.225       | 0.254<br>0.335<br>0.254    | 0.096 0.245<br>0.001 0.215<br>0.287 0.159           | 0.212<br>0.199<br>0.513    | 0.088<br>0.042<br>0.273     | 0.082<br>0.151<br>0.070  | 0.224<br>0.023<br>0.302       | 0.228<br>0.250<br>0.219      | 0.300<br>0.199<br>0.451    | 0.852<br>0.667<br>1.373        | 0.846<br>0.776<br>1.170        | 0.968<br>0.853<br>4.932          | 1.018<br>0.960<br>1.354        | 1.119                            | 0.940<br>0.657<br>1.311         | 0.994<br>0.766<br>1.108         | 1.068<br>0.855<br>1.367           | 1.106<br>0.950<br>4.960         | 1.102<br>1.092<br>1.094                   |
| LTE BISS_AnM  | NR n77_Ant2                 | Right Touch<br>Right Tilt<br>Left Touch | 0.276                   | 0.098<br>0.123  | 0.129<br>0.239                | 0.342                         | 0.371<br>0.254             | 0.007 0.152<br>0.004 0.345                          | 0.171<br>0.212             | 0.100<br>0.000              | 0.139  | 0.053                         | 0.173<br>0.229               | 0.212<br>0.300             | 0.645                          | 0.684                          | 0.843                            | 0.916<br>0.775                 | 0.968<br>0.976                   | 0.696                           | 0.725<br>0.891                  | 0.869                             | 0.967                           | 0.989                                     |
| -             |                             | Earlt Tilt<br>Right Touch               | 0.126                   | 0.055   | 0.058<br>0.541                | 0.364                         | 0.335                      | 0.001 0.215<br>0.287 0.159                          | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.422<br>1.545                 | 0.531<br>1.342                 | 0.608<br>1.544                   | 0.715<br>1.526                 | 0.802<br>1.416                   | 0.412<br>1.483                  | 0.521<br>1.290                  | 0.610<br>1.559                    | 0.705<br>1.464                  | 0.897<br>1.476                            |
| LTE B66_AnM   | NR n77_AndS                 | Left Touch<br>Left Tit                  | 0.196<br>0.196          | 0.193<br>0.050  | 0.239<br>0.058                | 0.234<br>0.364                | 0.254                      | 0.094 0.345<br>0.001 0.315                          | 0.212<br>0.199             | 0.088<br>0.042              | 0.092<br>0.151   | 0.224<br>0.023                | 0.228                        | 0.300<br>0.199             | 0.679<br>0.417                 | 0.673<br>0.526                 | 0.795<br>0.603                   | 0.845<br>0.710                 | 0.946<br>0.797                   | 0.767<br>0.407                  | 0.761<br>0.516                  | 0.925<br>0.925                    | 0.933                           | 0.929                                     |
| LTE BISS_Ansi | NR n77_Anti                 | Right Touch<br>Right Tilt               | 0.382                   | 0.066   | 0.541                         | 0.225                         | 0.254                      | 0.287 0.159<br>0.007 0.152                          | 0.513                      | 0.273                       | 0.992<br>0.151<br>0.070<br>0.139<br>0.092<br>0.151<br>0.070<br>0.139 | 0.302                         | 0.219                        | 0.451                      | 1,224<br>0,572                 | 1.021                          | 1,223<br>0,770                   | 1,205                          | 1095                             | 1.162                           | 0.959                           | 1.238                             | 1.143<br>0.884                  | 1.155                                     |
|               |                             | Left Touch Left Tit Right Touch         | 0.196<br>0.126<br>0.153 | 0.137<br>0.062<br>0.466                                     | 0.239<br>0.058<br>0.541       | 0.234<br>0.364<br>0.225       | 0.254<br>0.335<br>0.254    | 0.001 0.315<br>0.001 0.315<br>0.287 0.159           | 0.212<br>0.199<br>0.513    | 0.042<br>0.042              | 0.151<br>0.150   | 0.023<br>0.023                | 0.250<br>0.250<br>0.219      | 0.100<br>0.109<br>0.451    | 0.623<br>0.429<br>1.405        | 0.617<br>0.538<br>1.202        | 0./39<br>0.615<br>1.404          | 0.722<br>1.386                 | 0.890<br>0.809<br>1.276          | 0.711<br>0.419<br>1.343         | 0.705<br>0.528<br>1.140         | 0.669<br>0.617<br>1.419           | 0.877<br>0.712<br>1.324         | 0.916<br>0.873<br>0.844<br>1.336<br>0.967 |
| LTE B66_And   | NR n77_Acm                  | Right Tilt<br>Left Touch                | 0.039                   | 0.303   | 0.129                         | 0.342                         | 0.321                      | 0.007 0.152<br>0.094 0.345                          | 0.171                      | 0.100                       | 0.139  | 0.053                         | 0.173<br>0.229               | 0.212                      | 0.643<br>0.581                 | 0.682                          | 0.641                            | 0.914                          | 0.966                            | 0.604                           | 0.723<br>0.663                  | 0.867                             | 0.955                           |   |
|               |                             | Right Touch<br>Right Tit                | 0.026<br>0.153<br>0.090 | 0.154<br>0.377<br>0.069                                     | 0.058<br>0.541<br>0.110       | 0.364<br>0.225<br>0.340       | 0.305<br>0.354<br>0.374    | 0.021 0.215<br>0.287 0.159<br>0.027 0.453           | 0.199<br>0.513<br>0.474    | 0.042<br>0.273<br>0.450     | 0.151<br>0.070<br>0.430  | 0.023                         | 0.250<br>0.219<br>0.129      | 0.199<br>0.451<br>0.210    | 0.421<br>1.319<br>0.379        | 0.530<br>1.113<br>0.417        | 0.607<br>1.315<br>0.576          | 0.714<br>1.297<br>0.640        | 0.801<br>1.197<br>0.304          | 0.411<br>1.254<br>0.410         | 0.520<br>1.051<br>0.456         | 0.609<br>1.330<br>0.600           | 0.704<br>1.235<br>0.690         | 0.836<br>1.247<br>0.722                   |
| LTE B66_And   | NR n77_AndS                 | Left Touch<br>Left Tit                  | 0.090                   | 0.193   | 0.239                         | 0.234                         | 0.254                      | 0.094 0.245<br>0.021 0.215                          | 0.212                      | 0.088                       | 0.002  | 0.224                         | 0.229                        | 0.300                      | 0.573<br>0.317                 | 0.567<br>0.426                 | 0.689                            | 0.739                          | 0.840                            | 0.661                           | 0.655<br>0.416                  | 0.819                             | 0.827                           | 0.923                                     |
| LTE BIOL And  | NR n77_Anti                 | Right Touch<br>Right Tilt               | 0.153                   | 0.056   | 0.541<br>0.129                | 0.225                         | 0.254                      | 0.297 0.159<br>0.007 0.153                          | 0.513                      | 0.273                       | 0.139  | 0.302                         | 0.219<br>0.173<br>0.004      | 0.451<br>0.212             | 0.995                          | 0.792                          | 0.994                            | 0.606                          | 0.866                            | 0.923<br>0.376                  | 0.730<br>0.415                  | 1.009<br>0.559<br>0.751           | 0.914<br>0.647                  | 0.926<br>0.679<br>0.707                   |
|               |                             | Left Tilt                               | 0.026                   | 0.062   | 0.058                         | 0.364                         | 0.335                      | 0.021 0.215   | 0.199                      | 0.042                       | 0.151  | 0.023                         | 0.250                        | 0.199                      | 0.329                          | 0.438                          | 0.515                            | 0.622                          | 0.709                            | 0.319                           | 0.429                           | 0.517                             | 0.612                           | 0.744                                     |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.

台灣檢驗科技股份有限公司



Page: 539 of 939

### LTE Inter band Active

| Part   | 1701         | Inter hands WI AN a Riceboott         |                   |          |          |             |             |             |           | Deported SAD |           |           |           |           |            |           | Sometral    | Sourcein?    | Source(s)   | Sourcefol   | ScenarioS    | Sourceios    | Scenario7   | Sourceioli  | Sourceioù   | Source(e10) |
|--|--------------|---------------------------------------|-------------------|----------|----------|-------------|-------------|-------------|-----------|--------------|-----------|-----------|-----------|-----------|------------|-----------|-------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|
| 1  | LIK          | I I I I I I I I I I I I I I I I I I I |                   |          | 1 1      | 2           | 3           | 4           | 5         | 6            | 7         |           | 9         | 10        | - 11       | 12        | 0+1+7+6     | 0+1+7+9      | 0+1+3+5+8   | 0+1+4+7     | 0+1+3+6+8    | 0+1+8+12     | 0+1+9+12    | 0+1+3+8+10  | 0+1+4+12    | 0+1+3+8+11  |
| 1  |              |                                       |                   | 10000000 | MATERIAL | 2.4GHz WLAN | 2.4GHz WLAN | 2.4GHz WLAN | 5GHz WLAN | SGHz WLAN    | SGHz WLAN | Bluetooth | Bluetooth | 6GHz WLAN | 6GHz WLAN  | 6GHz WLAN |             | Domest .     | Francis .   | E           | Francis .    |              |             |             | Domest .    | E-mark      |
| Part   | LTE          | LTE                                   | Exposure Position | man      |          | Ant7(Ch0)   | Anti(Ch1)   | Ant7+8      | Ant7(Ch0) | Antil(Ch1)   | Act7+5    | Ant7(Ch0) | Act8(Ch1) | Ant7(ChO) | Antit(Ch1) | Ant7+6    | Summed      | Summed       | Summed      | SUTTENED    | Summed       | Semmed       | Summed      | SUMMED      | Summed      | Summed      |
| Part   |              |                                       |                   | 1g SAR   | 1g SAR   | 1g SAR      | 1g SAR      | 1g SAR      | 1g SAR    | 1g SAR       | 1g SAR    | 1g SAR    | 1g SAR    | 1g SAR    | 1g SAR     | 1g SAR    | 1g SAR(Wkg) | tg SAR(Wikg) | 1g SAR(Wkg) | 1g SAR(Wkg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(Wkg) | 1g SAR(Wkg) | 1g SAR(Wkg) | 1g SAR(Wkg) |
| Mary      |              |                                       | Binhi Touch       | 0.244    |          | 0.541       | 0.225       | 0.254       | 0.287     | 0.152        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.078       | 0.825        | 1.027       | 1.059       | 0.080        | 1.016        | 0.813       | 1.092       | 0.997       | 1.009       |
| 140    |              |                                       |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             | 0.689       |
| Part   | LTE B2_Art2  | LTE B4, Anti                          | Left Touch        | 0.104    | 0.078    | 0.239       | 0.234       | 0.254       |           | 0.245        | 0.212     |           | 0.082     | 0.224     |            | 0.300     | 0.482       | 0.476        | 0.598       | 0.648       | 0.749        | 0.570        | 0.564       | 0.726       | 0.736       | 0.732       |
| Property   |              |                                       |                   | 0.053    | 0.026    | 0.058       |             | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.330       | 0.439        | 0.516       | 0.623       | 0.710        | 0.320        | 0.429       | 0.518       | 0.613       |             |
| 14   |              |                                       | Right Touch       |          |          | 0.541       |             | 0.254       |           | 0.159        | 0.513     | 0.273     |           |           |            | 0.451     |             |              | 1.129       |             |              | 1.058        |             | 1.144       |             | 1.061       |
| Part   | 1 TE 80 Art2 | LTE BS And                            | Right Titl        | 0.058    | 0.077    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.406       | 0.445        | 0.604       | 0.677       | 0.729        | 0.447        | 0.486       | 0.630       | 0.718       |             |
| Part   | LIE 100,7412 | LIE MO MILI                           | Left Touch        |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             | 0.821        |              | 0.636       | 0.800       |             |             |
| Property state   |              |                                       |                   | 0.053    | 0.042    | 0.058       |             |             | 0.021     |              | 0.199     | 0.042     |           | 0.023     | 0.250      | 0.199     | 0.346       | 0.455        |             |             | 0.726        |              | 0.445       |             | 0.629       | 0.751       |
| 14   15   15   15   15   15   15   15  |              |                                       |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             | 1.213        |              |             |             |             |             |
| Part   | LTE 82_Art2  | LTE BS_AND                            | Right Tilt        | 0.058    | 0.236    | 0.129       | 0.342       | 0.371       |           | 0.152        | 0.171     |           | 0.139     | 0.053     |            | 0.212     | 0.565       | 0.604        |             |             | 0.888        |              | 0.645       | 0.789       | 0.877       | 0.909       |
| Part   |              | _                                     |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             | 1.237        |              | 1.052       | 1.216       |             | 1.220       |
| Property   |              |                                       |                   | 0.063    | 0.369    | 0.058       |             |             | 0.021     |              | 0.199     | 0.042     |           | 0.023     | 0.250      | 0.109     | 0.693       |              |             |             | 1.073        |              | 0.792       |             |             | 1.100       |
| Property state   |              |                                       |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             |             |
| Part   | LTE 82_Ant4  | LTE B5_Ant1                           | Left Touch        | 0.315    | 0.057    | 0.129       | 0.314       | 0.254       |           | 0.745        | 0.717     |           | 0.082     | 0.224     |            | 0.212     | 0.255       | 0.250        | 0.023       | 0.031       | 1.032        |              | 0.007       | 1.011       | 1.019       |             |
| Part   |              |                                       |                   | 0.147    |          | 0.058       |             |             |           |              |           | 0.042     |           |           |            |           |             |              |             |             | 0.010        |              | 0.529       | 0,616       | 0.713       |             |
| Property of the column   |              |                                       |                   | 0.420    | 0.312    | 0.541       |             |             |           |              | 0.513     |           |           | 0.302     |            | 0.451     | 1,518       |              |             |             | 1.389        |              |             |             | 1.437       | 1,449       |
| Part   |              |                                       |                   | 0.279    | 0.236    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.786       | 0.825        | 0.984       | 1.057       | 1.109        | 0.827        | 0.865       | 1.010       | 1.098       | 1.130       |
| Part   | LIE BU, ANN  | LIE BO, AND                           | Left Touch        | 0.315    |          | 0.239       | 0.234       |             |           |              | 0.212     |           | 0.082     | 0.224     |            |           | 1.181       |              |             | 1.347       | 1.465        | 1.269        | 1.263       |             | 1.435       |             |
| 14   15   15   15   15   15   15   15  |              |                                       |                   | 0.147    |          | 0.058       | 0.364       |             |           |              | 0.199     |           | 0.151     | 0.023     |            |           | 0.777       |              |             | 1.070       | 1.157        | 0.767        | 0.876       |             |             |             |
| Mary      |              |                                       |                   | 0.244    |          |             | 0.225       | 0.254       |           | 0.159        | 0.513     |           |           |           |            |           | 1.061       |              | 1.080       |             | 0.952        |              | 0.815       | 1.095       | 1.000       | 1.012       |
| 14   15   15   15   15   15   15   15  | LTE B2 Act2  | LTE B12 Aet1                          | Right Tilt        | 0.058    |          |             | 0.342       | 0.371       |           | 0.152        | 0.171     |           |           |           |            | 0.212     | 0.373       |              | 0.571       |             | 0.695        |              | 0.453       | 0.597       | 0.685       | 0.717       |
| Part   |              |                                       | Left Touch        | 0.104    |          |             | 0.234       |             |           |              |           | 0.055     |           | 0.224     |            |           | 0.497       |              | 0.613       |             |              | 0.585        | 0.579       |             | 0.751       |             |
| 1400      |              |                                       |                   | 0.063    |          |             | 0.364       |             |           |              |           | 0.042     |           | 0.023     |            |           | 0.320       |              | 0.505       |             |              | 0.310        | 0.419       |             | 0.603       |             |
| 14   15   15   15   15   15   15   15  |              |                                       |                   | 0.244    |          |             | 0.225       | 0.254       | 0.207     | 0.159        | 0.513     | 0.273     |           | 0.302     |            |           |             |              | 1.333       | 1.315       | 1.200        | 12/2         | 1.009       | 1.346       | 1,253       |             |
|  | LTE 82_Ant2  | LTE B12_Ant3                          | Left Touch        | 0.034    |          |             | 0.314       | 0.371       | 0.004     | 0.745        | 0.111     | 0.000     |           | 0.003     |            |           |             |              | 1 229       | 1.779       | 1.350        | 1201         | 1 195       | 1 359       | 1367        |             |
|  |              |                                       | Left TR           | 0.053    | 0.444    | 0.058       | 0.364       | 0.335       |           | 0.215        | 0.199     |           | 0.151     | 0.023     | 0.250      | 0.189     | 0.748       |              | 0.934       |             | 1 128        |              | 0.047       | 0.936       | 1.031       | 1.953       |
| 14   16   16   16   16   16   16   16  |              |                                       |                   |          | 0.051    | 0.541       | 0.225       |             |           | 0.159        | 0.513     |           | 0.070     |           | 0.219      | 0.451     |             |              | 1,256       | 1,238       | 1.128        |              | 0.992       | 1.271       | 1.176       | 1,155       |
| 14   16   16   16   16   16   16   16  | 1            | 1                                     |                   |          |          |             |             |             |           | 0.152        |           |           |           |           |            |           |             |              |             | 0.865       | 0.917        | 0.635        | 0.674       |             |             |             |
| Part   | LTE 82_Aet4  | LTE B12_Ant1                          | Left Touch        | 0.315    | 0.093    | 0.229       | 0.234       | 0.254       |           | 0.245        |           | 0.055     |           | 0.224     | 0.228      | 0.300     | 0.708       | 0.702        | 0.824       | 0.874       | 0.975        | 0.796        | 0.790       |             | 0.962       |             |
| Part   | 1            | 1                                     | Left Titl         |          |          | 0.058       | 0.364       |             | 0.021     | 0.215        | 0.199     |           | 0.151     |           | 0.250      | 0.199     | 0.404       | 0.513        | 0.590       | 0.697       | 0.784        | 0.394        | 0.503       | 0.592       | 0.687       | 0.819       |
| 14   15   16   16   16   16   16   16   16   |              |                                       | Right Touch       |          |          | 0.541       | 0.225       |             |           |              |           | 0.273     |           |           | 0.219      | 0.451     | 1.510       | 1.307        | 1.509       |             | 1.301        |              | 1.245       |             |             |             |
| Column   | LTE BD Antil | LTE BIZ AND                           | Right Tit         |          |          | 0.129       | 0.342       |             |           |              |           |           |           |           | 0.173      |           |             | 0.737        |             |             | 1.021        |              | 0.778       |             |             |             |
| Part   |              | Lin and Jens                          | Left Touch        | 0.315    | 0.709    | 0.229       | 0.234       |             |           |              | 0.212     |           | 0.082     | 0.224     | 0.228      | 0.300     | 1.324       |              | 1.440       | 1.490       | 1.591        | 1.412        | 1.405       |             | 1.578       |             |
| No. 10.   No.    |              |                                       | Left Tit          | 0.147    | 0.444    | 0.058       | 0.364       |             |           |              | 0.199     |           | 0.151     | 0.023     | 0.250      | 0.199     | 0.832       |              | 1.018       | 1.125       | 1.212        | 0.822        | 0.931       |             | 1.115       |             |
| March   Marc   |              | 1                                     |                   |          |          |             | 0.225       |             |           |              |           |           |           |           |            |           |             |              |             |             | 0.979        | 1.046        | 0.843       |             |             |             |
| Part   | LTE 82, Ant2 | LTE B30_Ant1                          | Right Tit         |          |          | 0.129       | 0.342       |             |           |              |           | 0.100     |           |           | 0.173      | 0.212     |             |              | 0.555       |             | 0.680        | 0.398        | 0.437       |             |             |             |
|  |              | 1                                     | Left Touch        | 0.104    |          | 0.239       | 0.234       |             |           |              | 0.212     |           |           | 0.224     | 0.228      | 0.300     | 0.495       | 0.489        | 0.611       |             | 0.762        | 0.583        | 0.577       | 0.741       |             | 0.745       |
| Column   C   |              |                                       |                   | 0.063    |          | 0.058       | 0.364       |             |           |              | 0.199     |           |           | 0.023     | 0.250      | 0.109     | 0.336       | 0.445        | 0.522       |             | 0.716        | 0.326        | 0.435       | 0.524       |             | 0.751       |
| Mary      |              |                                       | Right Touch       |          |          |             | 0.225       |             |           |              |           |           |           |           |            |           | 0.363       |              |             |             | 0.959        | 0.704        | 0.823       | 1.102       | 1.007       |             |
| Column   C   | LTE 82_Ant2  | LTE B65_Ant1                          | Left Touch        |          |          | 0.129       | 0.314       |             |           |              |           | 0.000     |           |           | 0.775      | 0.202     | 0.495       |              |             |             | 0.070        | 0.586        | 0.500       | 0.744       | 0.752       |             |
|  |              |                                       | Left TR           |          |          | 0.058       | 0.354       |             |           |              | 0.199     |           |           |           | 0.250      |           | 0.336       | 0.447        | 0.524       |             | 0.718        |              | 0.637       | 0.526       |             |             |
| Martine   Mart   |              |                                       | Right Touch       |          |          | 0.541       | 0.225       |             | 0.287     | 0.159        | 0.513     | 0.273     |           |           | 0.219      | 0.451     | 0.982       | 0.779        | 0.981       |             | 0.853        |              | 0.717       | 0.996       | 0.901       | 0.913       |
| Marie   Mari   |              |                                       | Right Titl        |          |          |             |             |             |           |              |           |           |           |           |            |           | 0.353       |              | 0.551       |             | 0.676        |              |             | 0.577       |             |             |
|  | LTE B4_Ant2  | LTE B12_Ant1                          | Left Touch        | 0.078    | 0.093    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      | 0.300     | 0.471       | 0.465        | 0.587       | 0.637       | 0.738        | 0.559        | 0.553       | 0.717       | 0.725       | 0.721       |
|  |              |                                       | Left Titl         | 0.038    | 0.016    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.295       | 0.404        | 0.481       | 0.588       | 0.675        | 0.285        | 0.394       | 0.483       | 0.578       | 0.710       |
|  |              |                                       | Right Touch       | 0.145    | 0.304    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     |           | 0.302     | 0.219      | 0.451     | 1.235       | 1.032        | 1.234       |             | 1,105        |              | 0.970       | 1,249       | 1.154       |             |
|  | 177 84 440   | 177 843 4443                          | Right Titl        | 0.038    | 0.148    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.457       | 0.496        | 0.655       |             | 0.780        |              | 0.537       | 0.681       | 0.769       | 0.801       |
|  | LIE BA, AND  | LIE B12,AND                           | Left Touch        | 0.078    | 0.709    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      |           | 1.067       | 1.081        | 1.203       |             | 1.354        |              | 1.169       | 1.333       | 1.341       | 1.337       |
| March   Marc   |              |                                       | Left Tit          | 0.035    | 0.444    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.723       | 0.832        | 0.909       | 1.016       | 1.103        | 0.713        | 0.822       | 0.911       | 1.006       | 1.138       |
| March   Marc   |              |                                       | Right Touch       |          |          |             |             |             |           |              |           |           |           |           | 0.219      |           |             |              |             |             | 1.068        |              | 0.932       | 1.211       |             |             |
| Martin   M   | LTE B4_Ant4  | LTE B12_Ant1                          | Right Tilt        | 0.278    | 0.044    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.593       | 0.632        | 0.791       | 0.854       | 0.916        | 0.634        | 0.673       | 0.817       | 0.905       | 0.907       |
| Martin   M   |              | -                                     | Left Touch        | 0.175    | 0.093    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.088     | 0.082     | 0.224     | 0.228      | 0.300     | 0.588       | 0.562        | 0.684       |             | 0.835        | 0.656        | 0.650       | 0.814       | 0.822       | 0.818       |
|  |              |                                       | Lattit            | 0.009    | 0.016    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.109     | 0.346       | 0.455        | 0.532       | 0.639       | 0.726        | 0.336        | 0.445       | 0.534       | 0.629       | 0.761       |
|  |              |                                       | Right Touch       |          | 0.304    | 0.541       |             |             | 0.207     |              |           | 0.273     |           |           | 0.219      |           |             |              |             |             | 1.321        |              | 1.160       |             |             | 1.301       |
| Marie   Mari   | LTE 84_Act4  | LTE B12, Ant3                         | Left Touch        | 0.276    | 0.740    | 0.129       | 0.342       | 0.371       | 0.007     | 0.132        | 0.7/7     | 0.000     | 0.139     | 0.003     | 0.773      | 0.212     | 1.000       | 1.178        | 4 300       | 4.353       | 1.020        | 4.272        | 4.707       | 0.021       | 1.000       | 1.011       |
| Marie   Mari   |              |                                       | Left TR           | 0.173    | 0.444    | 0.058       | 0.354       | 0.335       | 0.021     | 0.245        | 0.199     | 0.042     | 0.002     | 0.023     | 0.250      | 0.300     | 0.774       | 0.663        | 0.960       | 1.057       | 1.954        | 0.764        | 0.873       | 0.962       | 1.057       |             |
| The color of the   |              |                                       | Binhi Tourh       | 0.545    | 0.078    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.009       | 0.806        | 1.008       | 0.990       |              | 0.947        | 0.744       | 1.023       | 0.926       | 0.960       |
| The color of the   |              |                                       |                   | 0.038    |          |             |             |             |           |              |           |           |           |           | 9.173      |           |             |              |             |             | 0.660        |              |             |             |             | 0.681       |
| The color of the   | LTE B4_Art2  | LTE B30_Ant1                          | Left Touch        | 0.078    | 0.091    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      | 0.300     | 0.469       | 0.463        | 0.585       | 0.635       | 0.736        | 0.557        | 0.551       | 0.715       | 0.723       | 0.719       |
| The color of the   |              |                                       | Left Tit          | 0.038    | 0.032    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.189     | 0.311       | 0.420        | 0.497       | 0.604       | 0.691        | 0.301        | 0.410       | 0.499       | 0.594       | 0.726       |
| The column   The   |              |                                       | Right Touch       | 0.100    | 0.125    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.011       | 0.808        | 1.010       | 0.992       |              | 0.949        | 0.745       | 1.025       | 0.930       | 0.942       |
| The column   The   | LTT BE Audi  | 1 TE 830 Aug                          | Right Tilt        | 0.077    | 0.050    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.398       | 0.437        | 0.595       | 0.609       | 0.721        | 0.439        | 0.476       | 0.622       | 0.710       | 0.742       |
| Tell      | LIE MOJANI   | Lie aug year                          | Left Touch        | 0.150    | 0.079    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      | 0.300     | 0.529       | 0.523        | 0.645       | 0.695       | 0.796        | 0.617        | 0.611       | 0.775       | 0.783       | 0.779       |
| THE PAPER   THE    |              |                                       | Left Titl         | 0.042    | 0.058    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.339       | 0.445        | 0.525       | 0.632       | 0.719        | 0.329        | 0.438       | 0.527       | 0.622       | 0.754       |
| THE PART    |              |                                       |                   |          |          |             |             |             |           |              |           |           |           |           | 0.219      |           |             |              |             |             |              |              |             |             |             | 1.102       |
| TER/AD   | LTE B5_Ant1  | LTE 830_Ant4                          | Right Tilt        | 0.077    | 0.183    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.531       | 0.570        | 0.729       | 0.822       | 0.854        | 0.572        | 0.611       | 0.755       | 0.843       | 0.875       |
| TER/AD   | 1            | 1                                     | Len Touch         | 0.150    | u.120    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.088     | 0.082     | 0.224     | 0./28      | 0.300     | 0.570       | 0.564        | 0.685       | 0.735       | 0.637        | 0.658        | 0.652       | 0.616       | 0.624       | 0.820       |
| The color of the   |              | -                                     | Digital Tough     | 0.042    | 0.100    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.189     | 1 223       | 1.000        | 1 222       | 1.204       | 1.094        | 1.161        | 0.400       | 1227        | 1142        | 1.154       |
| The color of the   | 1            | 1                                     |                   |          |          |             |             |             |           |              |           |           |           |           | 0.173      |           |             |              |             |             |              |              |             |             |             | 0.901       |
| Teal      | LTE 85_Ant3  | LTE 830_Ant2                          | Left Touch        | 0.566    | 0.079    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      | 0.300     | 0.945       | 0.939        | 1.051       | 1,111       | 1.212        | 1.033        | 1.027       | 1.191       | 1.199       | 1.195       |
| Teal      |              |                                       | Left Tit          | 0.389    | 0.056    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 383.0       | 0.795        | 0.872       | 0.979       | 1.055        | 0.676        | 0.785       | 0.874       | 0.969       | 1.921       |
| THE PLANE   18   18   18   18   18   18   18   1   |              |                                       | Right Touch       | 0.312    | 0.365    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.463       | 1.260        | 1.402       | 1.444       | 1.334        | 1.401        | 1.198       | 1.477       | 1.382       | 1.394       |
| THE PLANE   18   18   18   18   18   18   18   1   | LTE BS Ant2  | LTE B30 Ant4                          | Right Tit         | 0.235    | 0.183    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.690       | 0.729        | 0.655       | 0.961       | 1.013        | 0.731        | 0.770       | 0.914       | 1.002       | 1.034       |
| Here Here Here Here Here Here Here Here  |              | 1                                     | Left Touch        | 0.555    | 0.120    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.088     | 0.082     | 0.224     | 0.228      | 0.300     | 0.985       | 0.980        | 1.102       | 1.152       | 1.253        | 1.074        | 1.058       | 1.232       | 1.240       | 1.235       |
| THE PLANE   THE    |              |                                       | Left Till         | 0.389    | 0.106    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.736       | 0.845        | 0.922       | 1.029       | 1.116        | 0.726        | 0.835       | 0.924       | 1.019       | 1.151       |
| Color   Colo   | 1            | 1                                     |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             | 0.893       |
| Tell   Fig.      | LTE B12_Ant1 | LTE B30_Ant2                          | Left Truch        | 0.093    | 0.020    | 0.229       | 0.234       | 0.254       | 0.004     | 0.745        | 0.212     | 0.000     | 0.002     | 0.003     | 0.728      | 0.202     | 0.477       | 0.465        | 0.565       | 0.635       | 0.739        | 0.500        | 0.554       | 0.718       | 0.276       | 0.722       |
| Tell   Fig.      | 1            | 1                                     | Left Titl         | 0.016    | 0.056    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.109     | 0.313       | 0.422        | 0.499       | 0.606       | 0.693        | 0.303        | 0.412       | 0.501       | 0.596       |             |
| THE REAM    |              | <b>1</b>                              | Right Touch       | 0.051    | 0.365    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.202       | 0.999        | 1.201       | 1.183       | 1.073        | 1.140        | 0.937       | 1.216       | 1.121       | 1.133       |
| THE PLANE   THE    |              | l                                     | Right Tit         |          | 0.183    | 0.129       |             | 0.371       |           |              | 0.171     |           | 0.139     | 0.053     |            |           | 0.498       |              |             | 0.769       | 0.821        |              | 0.578       | 0.722       | 0.810       |             |
| TERLAN   T   | LIE BIZ_ART  | LIE BJU_ARM                           | Left Touch        | 0.093    | 0.120    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.055     | 0.082     | 0.224     | 0.228      | 0.300     | 0.513       | 0.507        | 0.629       | 0.679       | 0.780        | 0.601        | 0.595       | 0.759       | 0.767       | 0.753       |
| TERLAN   T   |              |                                       | Left Tit          | 0.016    | 0.106    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.363       | 0.472        | 0.549       | 0.656       | 0.743        | 0.353        | 0.462       | 0.551       | 0.646       | 0.778       |
| Column   C   |              | 1                                     | Right Touch       | 0.334    | 0.125    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.215       | 1.012        | 1.214       | 1.195       | 1.086        | 1.153        | 0.950       | 1.229       | 1.134       | 1.145       |
| Column   C   | LTE BIZ Ant? | LTE 830 Ant?                          | Right Tit         | 0.148    | 0.050    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.469       | 0.508        | 0.667       | 0.740       | 0.792        |              | 0.549       | 0.693       | 0.781       | 0.813       |
| Height He |              |                                       | Left Touch        |          | 0.079    | 0.239       |             | 0.254       |           | 0.245        | 0.212     |           | 0.082     | 0.224     | 0.228      |           | 1.088       |              | 1.204       |             | 1.355        |              | 1.170       | 1.334       | 1.342       |             |
| THE PLANE   THE    |              | 1                                     | Left Titl         | 0.444    | 320.0    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.741       | 0.850        | 0.927       | 1.034       | 1.121        | 0.731        | 0.840       | 0.929       | 1.024       | 1.156       |
| THE REPORT   Column   | 1            | 1                                     |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              | 1.190       |             |             |             |
| Carlon   C   | LTE B12_Ant3 | LTE 830_Ant4                          | Right Tit         | 0.148    | 0.183    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.602       | 0.641        | 0.800       | 0.873       | 0.925        |              | 0.682       | 0.826       | 0.914       | 0.945       |
| Tell   Fig.      | 1            | 1                                     | Left Touch        |          | 0.120    | 0.239       |             | 0.254       |           |              | 0.212     |           |           | 0.224     |            |           | 1.129       |              | 1.245       |             | 1.395        |              | 1.211       | 1.375       | 1.383       |             |
| TERP_ACT    | $\vdash$     |                                       | Left Tit          | 0.444    | 0.106    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.791       | 0.900        | 0.977       | 1.084       | 1.171        | 0.781        | 0.890       | 0.979       | 1.074       | 1.205       |
| 1   1   1   1   1   1   1   1   1   1  | 1            | 1                                     |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             |             |
| Mark   Color   | LTE B12_Ant1 | LTE B65_Ant2                          | Right Tit         | 0.044    | 0.039    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.354       | 0.393        | 0.552       | 0.625       | 0.677        | 0.395        | 0.434       | 0.578       | 333.0       | 0.698       |
| THE D_AMS   THE    | 1            | 1                                     | Left louch        |          |          |             |             |             |           |              | 0.212     |           |           |           |            |           |             |              |             |             | 0.740        |              | 0.000       |             |             |             |
| Table   Tabl   | $\vdash$     | <del></del>                           | Digital Tough     | 0.016    | 0.006    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.109     | 1210        | 1.095        | 1.715       | 1 200       | 1.000        | 1 157        | 0.362       | 1233        | 1.135       | 1.150       |
| LI BLANK    | 1            | 1                                     |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             |             |
| Here and the control of the control  | LTE B12_Ant1 | LTE 865_Ant4                          | Left Touch        | 0.093    | 0.186    | 0.229       |             | 0.254       |           | 0.245        | 0.212     |           | 0.082     | 0.224     |            | 0.300     | 0.579       | 0.573        | 0.095       | 0.745       | 0.846        |              | 0.661       | 0.825       | 0.833       |             |
| Here and the control of the control  | 1            | 1                                     | Left Titl         |          |          |             |             |             | 0.021     | 0.215        |           | 0.042     | 0.151     |           | 0.250      |           |             | 0.492        |             | 0.676       | 0.763        | 0.373        | 0.482       |             |             | 0.798       |
| TERRAN    TERRAN   TERRAN    TERRAN    TERRAN    TERRAN   TERRAN   TERRAN   TERRAN   TERRAN   TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN    TERRAN   TERRAN    TERRA   |              |                                       |                   | 0.334    |          |             | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.243       | 1.040        | 1.242       | 1.224       | 1.114        | 1.181        | 0.976       | 1.257       | 1.162       | 1.174       |
| If \$10,\(\)\(\)\(\)\(\)   Left task \(\) = 709 \(\) 680 \(\) 622 \(\) 229 \(\) 524 \(\) 688 \(\) 687 \(\) 687 \(\) 688 \(\) 687 \(\) 688 \(\) 687 \(\) 688 \(\) 687 \(\) 688 \(\) 688 \(\) 687 \(\) 688  |              | l                                     | Right Titl        | 0.148    | 0.039    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.458       | 0.497        | 0.656       | 0.729       | 0.781        | 0.499        | 0.538       | 0.682       | 0.770       | 0.802       |
| UTS 544 525 529 524 525 525 525 525 525 525 525 525 525  | LTE B12_Ant3 | LTE B65_Ant2                          | Left Touch        | 0.709    | 0.080    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.088     | 0.082     | 0.224     | 0.228      | 0.300     | 1.089       | 1.083        | 1.205       | 1.255       | 1.356        | 1.177        | 1.171       | 1.335       | 1.343       | 1.339       |
| Right Land 52M 0.252 0.5M 0.252 0.5M 0.252 0.5M 0.255 0.5M 0.257 0.057 0 |              |                                       | Left Tit          | 0.444    | 0.026    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.199     | 0.711       | 0.820        | 0.897       | 1.004       | 1.091        | 0.701        | 0.810       | 0.099       | 0.994       | 1.126       |
| TERR_AND    |              |                                       | Right Touch       | 0.304    | 0.382    | 0.541       | 0.225       | 0.254       | 0.287     | 0.159        | 0.513     | 0.273     | 0.070     | 0.302     | 0.219      | 0.451     | 1.472       | 1.209        | 1.471       | 1.453       | 1.343        | 1.410        | 1.207       | 1.486       | 1.391       | 1.403       |
| Left Tasch 0.709 0.5Ms 0.202 0.204 0.204 0.509 0.205 0.500 0 | LTE BIZ Ant? | LTE BISS Anti'                        | Right Tit         | 0.148    | 0.276    | 0.129       | 0.342       | 0.371       | 0.027     | 0.152        | 0.171     | 0.100     | 0.139     | 0.053     | 0.173      | 0.212     | 0.695       | 0.734        | 0.893       | 0.966       | 1.018        | 0.736        | 0.775       | 0.919       | 1.007       | 1.029       |
| Left 8 044 0.06 0.08 0.39 0.39 0.00 0.310 0.00 0.00 0.00 0.00 0.00 0.0   | Lin and John | Line and Joseph                       | Left Touch        | 0.709    | 0.186    | 0.239       | 0.234       | 0.254       | 0.094     | 0.245        | 0.212     | 0.088     | 0.082     | 0.224     | 0.228      | 0.300     | 1.195       | 1.189        | 1.311       | 1.361       | 1.462        | 1.283        | 1.277       | 1.441       | 1.449       | 1.445       |
|  |              |                                       | Left Tit          | 0.444    | 0.126    | 0.058       | 0.364       | 0.335       | 0.021     | 0.215        | 0.199     | 0.042     | 0.151     | 0.023     | 0.250      | 0.189     | 0.811       | 0.920        | 0.997       | 1.104       | 1.191        | 0.801        | 0.910       | 0.999       | 1.094       | 1.226       |
|  |              |                                       |                   |          |          |             |             |             |           |              |           |           |           |           |            |           |             |              |             |             |              |              |             |             |             |             |

### **Head WLAN**

| WLAN + Bluetooth  |                          |                          |                       |                        |                        | Reported SAR        |                        |                        |                        |                        |                     | Scenario1    | Scenario2    | Scenario3    | Scenario4    | Scenario5    | Scenario6     | Scenario7    | Scenario8    | Scenario9    | Scenario10   |
|-------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|------------------------|------------------------|---------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
|                   | 2                        | 3                        | 4                     | 5                      | 6                      | 7                   | 8                      | 9                      | 10                     | 11                     | 12                  | 7+8          | 7+9          | 3+5+8        | 4+7          | 3+6+8        | 8+12          | 9+12         | 3+8+10       | 4+12         | 3+8+11       |
| Exposure Position | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7(Ch0) | 6GHz WLAN<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7+8 | Summed       | Summed       | Summed       | Summed       | Summed       | Summed        | Summed       | Summed       | Summed       | Summed       |
|                   | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)      | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(Wilkg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(Wikg) |
| Right Touch       | 1.082                    | 0.466                    | 0.539                 | 0.597                  | 0.317                  | 1.052               | 0.530                  | 0.132                  | 0.595                  | 0.437                  | 0.698               | 1.582        | 1.184        | 1.593        | 1.591        | 1.313        | 1.228         | 0.830        | 1.591        | 1.237        | 1.433        |
| Right Tilt        | 0.285                    | 0.643                    | 0.777                 | 0.060                  | 0.315                  | 0.389               | 0.207                  | 0.283                  | 0.102                  | 0.368                  | 0.384               | 0.596        | 0.672        | 0.910        | 1.166        | 1.165        | 0.591         | 0.667        | 0.952        | 1.161        | 1.218        |
| Left Touch        | 0.507                    | 0.454                    | 0.526                 | 0.210                  | 0.483                  | 0.459               | 0.186                  | 0.156                  | 0.454                  | 0.449                  | 0.525               | 0.645        | 0.615        | 0.850        | 0.985        | 1.123        | 0.711         | 0.681        | 1.094        | 1.051        | 1.089        |
| Left Tilt         | 0.140                    | 0.688                    | 0.700                 | 0.042                  | 0.434                  | 0.481               | 0.094                  | 0.314                  | 0.056                  | 0.505                  | 0.398               | 0.575        | 0.795        | 0.824        | 1.181        | 1.216        | 0.492         | 0.712        | 0.838        | 1.098        | 1.287        |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 540 of 939

# Body-worn\_15mm

| WWAN +                 | WLAN + Bluetooth |        |                  |                          |                          |                       |                        | Report                 | ed SAR              |                        |                        |                        |                        |                     | Scenario1   | Scenario2    | Scenario3   | Scenario4   | Scenario5    | ScenarioS    | Scenario7    | Scenario8    | Scenario9    | Scenario 10 |
|------------------------|------------------|--------|------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|------------------------|------------------------|---------------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|
|                        |                  |        |                  | 2                        | 3                        | 4                     | 5                      | ٥                      | 7                   | 8                      | 9                      | 10                     |                        | 12                  | 1+7+8       | 1+7+9        | 1+3+5+8     | 1+4+7       | 1+3+6+8      | 1+8+12       | 1+9+12       | 1+3+8+10     | 1+4+12       | 1+3+8+11    |
| WWAN                   | Exposure Po      | sition | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz.WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7(Ch0) | 6GHz WLAN<br>Ant8(Ch1) | 6GHz WLAN<br>Ant7+8 | Summed      | Summed       | Summed      | Summed      | Summed       | Summed       | Summed       | Summed       | Summed       | Summed      |
|                        |                  |        | 1g SAR<br>(W/kg) | 1g SAR<br>(Wkg)          | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)      | 1g SAR<br>(Wkg)        | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(Wkg)        | 1g SAR<br>(W/kg)    | 1g SAR(Wkg) | 1g SAN(Wikg) | 1g SAR(Wkg) | 1g SAR(Wkg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(Wikg) | 1g SAR(Wikg) | 1g SAR(Wikg) | 1g SAN(Wkg) |
| Maximum WWAN Ant1      | Front Surface    | 15     | 0.383            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.726       | 0.669        | 0.998       | 0.827       | 0.973        | 0.580        | 0.523        | 0.721        | 0.681        | 0.651       |
| MARKING HYDRA POLL     | Back Surface     | 15     | 0.265            | 0.188                    | 0.111                    | 0.148                 | 0.451                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 1.051       | 1.040        | 0.901       | 1.145       | 1.069        | 0.941        | 0.920        | 0.762        | 1.025        | 1.080       |
| Maximum WWAN Ant2      | Front Surface    | 15     | 0.357            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.700       | 0.643        | 0.972       | 0.801       | 0.947        | 0.554        | 0.497        | 0.695        | 0.655        | 0.625       |
| Madellani Hillord And  | Back Surface     | 15     | 0.299            | 0.188                    | 0.111                    | 0.148                 | 0.461                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 1.095       | 1.074        | 0.935       | 1.179       | 1.103        | 0.975        | 0.954        | 0.796        | 1.059        | 1.114       |
| Maximum WWAN Ant3      | Front Surface    | 15     | 0.237            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.580       | 0.523        | 0.852       | 0.681       | 0.827        | 0.434        | 0.377        | 0.575        | 0.535        | 0.505       |
| Maximum WWAN Anto      | Back Surface     | 15     | 0.159            | 0.188                    | 0.111                    | 0.148                 | 0.461                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 0.955       | 0.934        | 0.795       | 1.039       | 0.963        | 0.835        | 0.814        | 0.656        | 0.919        | 0.974       |
| Maximum WWAN Ant4      | Front Surface    | 15     | 0.152            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.495       | 0.438        | 0.767       | 0.596       | 0.742        | 0.349        | 0.292        | 0.490        | 0.450        | 0.420       |
| Madellan Hillord Aller | Back Surface     | 15     | 0.459            | 0.188                    | 0.111                    | 0.148                 | 0.461                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 1.255       | 1.234        | 1.095       | 1.339       | 1.263        | 1.135        | 1.114        | 0.956        | 1.219        | 1.274       |
| Maximum WWAN Ant5      | Front Surface    | 15     | 0.278            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.621       | 0.554        | 0.893       | 0.722       | 0.868        | 0.475        | 0.418        | 0.616        | 0.576        | 0.545       |
| Madellan Hillord And   | Back Surface     | 15     | 0.187            | 0.188                    | 0.111                    | 0.148                 | 0.461                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 0.983       | 0.962        | 0.823       | 1.067       | 0.991        | 0.863        | 0.842        | 0.684        | 0.947        | 1.002       |
| Maximum WWAN Antis     | Front Surface    | 15     | 0.425            | 0.313                    | 0.135                    | 0.214                 | 0.367                  | 0.342                  | 0.230               | 0.113                  | 0.056                  | 0.090                  | 0.020                  | 0.084               | 0.768       | 0.711        | 1.040       | 0.859       | 1.015        | 0.622        | 0.565        | 0.763        | 0.723        | 0.693       |
| Madellan Hillord Anal  | Back Surface     | 15     | 0.515            | 0.188                    | 0.111                    | 0.148                 | 0.461                  | 0.629                  | 0.732               | 0.054                  | 0.043                  | 0.322                  | 0.640                  | 0.612               | 1.311       | 1.290        | 1.151       | 1.395       | 1.319        | 1.191        | 1.170        | 1.012        | 1.275        | 1.330       |

### **ENDC Active**

| No.   Property Service   Prope   |              | ENDC+WLAN + Blost | poth                          |          |                  |                         |                            |                          |                            |                             | Reported SAR           |                          |                        |                         |                        |                         |                           | Scenario1         | Scenario2         | Somario3            | Scenariol         | Somario5            | Scenario6          | Scenario7          | Scenarioli           | Scenario9          | Scenario 10          |
|--|--------------|-------------------|-------------------------------|----------|------------------|-------------------------|----------------------------|--------------------------|----------------------------|-----------------------------|------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|---------------------------|-------------------|-------------------|---------------------|-------------------|---------------------|--------------------|--------------------|----------------------|--------------------|----------------------|
| Column   | LTE          | NR                | Exposure P                    | osition  | 0<br>WWAN        | 1<br>WWAN               | 2.4GHz WLAN<br>Ant/FICH(I) | 2.4GHz WLAN<br>Anti(Ch1) | 4<br>2.4GHz WLAN<br>AntZ+B | S<br>SGHz WLAN<br>Ant/ICh01 | 5GHz WLAN<br>Act8(Ch1) | 7<br>SGHz WLAN<br>Ant7+0 | Bluetooth<br>Ant/1Ch0) | Silvetooth<br>Anti(Ch1) | 6GHz WLAN<br>Ant/ICh01 | 6GHz WLAN<br>Actil(Ch1) | 12<br>6GHz WLAN<br>Ant7+0 | 0+1+7+8<br>Summed | 0+1+7+9<br>Summed | 0+1+3+5+8<br>Summed | 0+1+4+7<br>Summed | 0+1+3+6+8<br>Summed | 0+1+8+12<br>Summed | 0+1+9+12<br>Summed | 0=1+3+8+11<br>Summed | 0+1+4+12<br>Summed | 0+1+3+8+11<br>Summed |
| Column   |              |                   |                               |          | 1g SAR<br>(Wikg) | ig SAR<br>(Wkg)         | 1g SAR<br>(Wkg)            | 1g SAR<br>(Wkg)          | 1g SAR<br>(W/kg)           | ig SAR<br>(Wikg)            | Sg SAR<br>(Wikg)       | 1g SAR<br>(Wkg)          | 1g SAR<br>(Wkg)        | ig SAR<br>(Wikg)        | ig SAR<br>(Wikg)       | tg SAR<br>(Wikg)        | 1g SAR<br>(Wkg)           | 1g SAR(Wikg)      | 1g SAR(Wkg)       | 1g SAR(W/kg)        | 1g SAR(Wkg)       | 1g SAR(W/kg)        | 1g SAR(Wkg)        | 1g SAR(W/kg)       | 1g SAR(Wik)          | 1g SAR(Wikg)       | 1g SAR(Wikg)         |
| Section   Sect   | LTE 82_Ant2  | NR rS_Arc3        | Front Surface<br>Back Surface | 15       | 0.290            | 0.152                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.084                     | 0.785<br>1.101    | 0.728<br>1.080    | 1.007               | 0.886<br>1.185    | 1.032               | 1.049              | 1.028              | 0.780                | 1.133              | 0.710<br>1.100       |
| Column   |              |                   | Back Surface                  | 15       | 0.254            | 0.022                   |                            | 0.110                    | 0.148                      |                             | 0.613                  |                          | 0.064                  |                         |                        | 0.640                   | 0.612                     |                   | 0.993             |                     | 1.098             | 1.074               |                    |                    | 0.783                | 1.045              | 1.101                |
| Mary      |              |                   |                               | 15       | 0.003            |                         |                            |                          |                            |                             |                        |                          |                        |                         | 0.322                  |                         |                           |                   |                   |                     |                   |                     | 0.866              |                    |                      | 0.962              | 1.007                |
| Mary      |              |                   | Back Surface                  | 15       | 0.083            | 0.022                   | 0.188                      | 0.111                    | 0.148                      | 0.451                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.833             | 0.812             | 0.741               | 0.917             | 0.893               | 0.701              | 0.760              | 0.602                | 0.865              | 0.920                |
| Column   |              |                   | Back Surface                  | 15       | 0.254            | 0.154                   | 0.188                      | 0.111                    | 0.148                      | 0.451                       | 0.613                  |                          | 0.064                  | 0.043                   |                        | 0.640                   | 0.612                     | 1.145             | 1.125             | 1.054               | 1.230             | 1,206               | 1.094              | 1.073              | 0.915                | 1.178              | 1.233                |
| Section   Sect   | _            |                   | Back Surface<br>Sort Surface  | 15       |                  | 0.093                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.085             | 1.064             | 0.993               | 1.159             | 1.145               | 1.033              | 1.012              | 0.054                | 1.117              | 1.172                |
| Mary      |              |                   |                               | 15       | 0.083            |                         | 0.188                      | 0.111                    |                            | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     |                   |                   | 0.873               |                   |                     | 0.913              | 0.892              |                      |                    | 1.052                |
| Column   | _            |                   |                               | 15       | 0.083            | 0.093                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   |                        | 0.640                   | 0.612                     | 0.904             | 0.883             | 0.812               | 0.988             | 0.964               | 0.852              | 0.831              | 0.673                | 0.936              | 0.991                |
| Column   | _            |                   | Back Surface<br>Front Surface | 15       | 0.254            | 0.118                   | 0.188                      | 0.111                    | 0.140                      | 0.461                       | 900                    | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.110             | 1.089             | 1.018               | 1.194             | 1.170               | 1.058              | 1.037              | 0.879                | 1.142              | 1.197                |
| Mary      | _            |                   |                               | 15       | 0.052            | 0.112                   | 0.188                      |                          |                            | 0.451                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.892             | 0.871             | 0.800               |                   | 0.952               | 0.840              | 0.819              | 0.661                | 0.924              |                      |
| Mary      |              |                   | Back Surface<br>Front Surface | 15       | 0.003            | 0.145                   | 0.188                      | 0.111                    | 0.148                      | 0.451                       |                        | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.956             | 0.935             | 0.864               | 1.040             | 1.016               | 0.904              | 0.883              | 0.725                | 0.633              | 1.043                |
|  |              |                   | Back Surface<br>Front Surface | 15       | 0.083            | 0.187                   | 0.188                      | 0.111                    | 0.548                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.998             | 0.977             | 0.906               | 1.082             | 1.058               | 0.946              | 0.925              | 0.767                | 1.000              | 1.005                |
| Section   Sect   |              |                   | Back Surface                  | 15       | 0.290            | 0.515                   | 0.313                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.326             | 1.305             | 1.234               | 1.410             |                     | 0.628              | 1.253              | 1.095                | 0.729              | 1.413                |
| Mary      |              |                   | Back Surface<br>Front Surface | 15<br>15 | 0.264            | 0.459                   | 0.188                      | 0.111<br>0.135           | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.451<br>0.875    | 1.430<br>0.818    | 1.359               | 1.535<br>0.976    | 1.511               | 1.399<br>0.729     | 1.378              | 1.220<br>0.870       | 1.483              | 1.538<br>0.800       |
| Mary      |              |                   | Back Surface<br>Front Surface | 15       | 0.254            | 0.187                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.179<br>0.713    | 1.158             | 1.087               | 1.263             | 1,229               | 1.127              | 1.106              | 0.948                |                    | 1.266                |
| Column   | -            |                   | Back Surface<br>Front Surface | 15       | 0.254            |                         | 0.313                      | 0.111                    |                            | 0.367                       | 0.613                  | 0.664                    | 0.064                  | 0.056                   | 0.322                  | 0.640                   | 0.064                     | 1.507             | 1.405             | 1.415               | 1.591<br>0.798    | 1.567               | 0.551              | 1.434<br>0.494     | 1.276                | 1.539              | 1.594<br>0.622       |
| Column   | _            |                   | Back Surface<br>Front Surface | 15       | 0.149            | 0.118                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.995<br>0.585    | 0.974             | 0.903               | 1.079<br>0.686    | 1.055               | 0.943              | 0.922              | 0.764                | 1.027              | 1.002<br>0.510       |
| March   Marc   |              |                   | Front Surface                 | 15       | 0.190            | 0.180                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.113                  | 0.043                   | 0.090                  | 0.020                   | 0.612                     | 0.939             | 0.646             | 0.847               | 0.804             | 0.999               | 0.887              | 0.866              | 0.698                | 0.658              | 1.026<br>0.628       |
| Sect      |              |                   | Back Surface<br>Front Surface | 15       | 0.125            | 0.118                   | 0.313                      | 0.111                    | 0.548                      | 0.461                       | 0.613                  |                          | 0.064                  | 0.063                   | 0.322                  | 0.020                   | 0.612                     | 0.971             | 0.950             | 0.879               | 1.055             | 1.031               | 0.445              | 0.898              | 0.740                | 1.003              | 1.058<br>0.516       |
| Column   C   |              | _                 | Back Surface<br>Front Surface | 15<br>15 | 0.125            | 0.062                   | 0.188                      |                          | 0.148                      | 0.461                       |                        | 0.664                    | 0.064                  | 0.043                   | 0.090                  | 0.640                   | 0.084                     | 0.945<br>0.665    | 0.608             | 0.823               | 0.999             | 0.975               | 0.863              | 0.842              | 0.660                | 0.947              | 1.002                |
| March   Marc   |              |                   |                               | 15       | 0.174            |                         | 0.343                      | 0.111                    |                            | 0.367                       | 0.613                  | 0.230                    | 0.064                  | 0.056                   | 0.090                  | 0.640                   | 0.064                     | 0.583             | 0.526             | 0.855               | 1.052<br>0.684    |                     | 0.437              | 0.380              |                      | 1.000<br>0.538     | 1.055<br>0.508       |
| March   Marc   |              |                   | Back Surface<br>Front Surface | 15       | 0.149            | 0.058                   | 0.188                      | 0.111                    | 0.548                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.063                   | 0.322                  | 0.640                   | 0.612                     | 0.935             | 0.914             | 0.943               | 1.019<br>0.772    | 0.995               | 0.883              | 0.862              | 0.704                | 0.967              | 1.022<br>0.596       |
| March   Marc   |              |                   | Back Surface<br>Front Surface | 15       | 0.125            | 0.091                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  |                          | 0.064                  | 0.056                   | 0.322                  | 0.640                   | 0.612                     | 0.589             | 0.923             | 0.852               | 1.028<br>0.690    | 1.004               | 0.892              | 0.871              | 0.713                | 0.544              | 1.031<br>0.514       |
| March   Marc   |              |                   | Front Surface                 | 15       | 0.174            | 0.336                   | 0.313                      | 0.135                    |                            | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.064                     | 0.853             |                   | 1.125               |                   |                     | 0.707              | 0.650              | 0.680                | 0.000              | 0.778                |
| March   Marc   |              |                   | Front Surface<br>Back Surface | 15       | 0.174            | 0.145<br>0.141          | 0.313                      | 0.135                    | 0.148                      | 0.461<br>0.367              | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.084                     | 1.022<br>0.658    | 0.601             | 0.930               | 1.105<br>0.759    | 0.905               | 0.512<br>1.004     | 0.455              | 0.791                | 0.613              | 0.503                |
| March   Marc   |              |                   | Front Surface                 | 15       | 0.174            |                         | 0.313                      |                          |                            | 0.367                       |                        | 0.230                    | 0.113                  | 0.063                   | 0.090                  | 0.000                   | 0.084                     | 0.759             |                   | 1.031               | 0.860             | 1.006               |                    | 0.556              |                      | 0.714              | 0.684                |
| Marie   Mari   | _            |                   | Front Surface                 | 15       | 0.174            | 0.000                   |                            |                          |                            |                             |                        |                          | 0.113                  |                         |                        |                         |                           |                   |                   |                     | 0.698             | 0.844               |                    |                    |                      |                    | 1.151<br>0.522       |
| Section   Sect   | LTE 05_Ant3  | NR n77_Ant2       | Front Surface                 | 15       | 0.190            | 0.336                   | 0.313                      | 0.115                    | 0.148                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.084                     | 0.859             | 0.802             | 1.121               | 0.960             | 1.106               | 0.713              | 0.656              | 0.854                | 0.814              | 0.784                |
| Second    | LTE 85, Ant3 | NR n77_Ans4       | Front Surface                 | 15       | 0.100            | 0.141                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.064                     | 0.664             | 0.607             | 0.936               | 0.765             | 0.911               | 0.518              | 0.461              | 0.659                | 0.619              | 0.589                |
| Marie   Mari   | LTE 85, And  | NR n77_Ant5       | Front Surface                 | 15       | 0.190            | 0.242                   | 0.313                      | 0.135                    |                            |                             | 0.342                  | 0.230                    | 0.113                  |                         |                        | 0.020                   | 0.084                     | 0.765             | 0.708             | 1.037               | 0.866             | 1.012               | 0.619              | 0.562              | 0.760                | 0.720              | 0.690                |
| Section   Sect   | LTE 85, Anti | NR n77_Ant6       | Front Surface                 | 15       | 0.190            | 0.000                   | 0.313                      | 0.135                    | 0.214                      |                             | 0.342                  | 0.230                    | 0.113                  |                         | 0.090                  | 0.000                   | 0.084                     | 0.603             | 0.546             | 0.875               | 0.704             | 0.850               |                    | 0.400              | 0.598                | 0.558              | 0.528                |
| Table   Tabl   | LTE B12_Ant1 | NR n2_Ant2        | Front Surface<br>Back Surface | 15       | 0.000            | 0.180                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.084                     | 0.603             |                   | 0.875               | 0.704             |                     | 0.457              | 0.400              | 0.598                | 0.558              | 0.528                |
| Table   Tabl   | LTE B12_Ant1 | NR n2_Ans4        | Front Surface<br>Back Surface | 15       | 0.000            | 0.068                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.084                     | 0.491             | 0.434             | 0.763               | 0.592             | 0.738               | 0.345              | 0.288              | 0.406                | 0.445              | 0.416                |
| Section   Sect   | LTE B12_Ant3 | NR 12_Ant2        | Front Surface<br>Back Surface | 15       | 0.052            | 0.180                   |                            | 0.135                    |                            |                             |                        | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   |                           | 0.575             | 0.518             |                     | 0.676             | 0.822               |                    | 0.372              | 0.570                | 0.530              | 0.500                |
| Column   C   | LTE B12_Ant3 | NR 12_Ans4        | Front Surface<br>Back Surface | 15       | 0.052            |                         | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    |                        | 0.056                   | 0.090                  | 0.020                   | 0.064                     | 0.463             | 0.406             | 0.735               | 0.564             | 0.710               | 0.317              | 0.260              | 0.458                | 0.418              | 0.388                |
| Color   Colo   | LTE B12_Ant1 | NR n66_Ant2       | Front Surface<br>Back Surface | 15<br>15 | 0.090            | 0.148                   |                            | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  |                         | 0.090                  | 0.020                   | 0.064                     | 0.571             | 0.514             | 0.843               | 0.672             | 0.818               | 0.425              | 0.368              | 0.566                | 0.536              | 0.496<br>1.000       |
| March   Marc   | LTE B12_Ant1 | NR nSS_Ant4       | Front Surface                 | 15       | 0.094            | 0.065                   | 0.313                      | 0.135                    | 0.214                      | 0.451                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.612                     | 0.489             | 0.432             | 0.761               |                   | 0.736               | 0.343              | 0.295              | 0.404                | 0.444              | 0.414                |
| Column   C   | LTE B12_Ant3 | NR n66_Ant2       | Front Surface<br>Back Surface | 15       | 0.052            | 0.148                   | 0.313                      | 0.111                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   |                           |                   | 0.486             | 0.815               | 0.644             | 0.790               | 0.397              | 0.340              | 0.538                | 0.498              | 0.468                |
| STATE   STAT   | LTE B12_Ant3 | NR nSG_Ant4       | Front Surface<br>Back Surface | 15       | 0.052            | 0.066                   | 0.188                      | 0.111                    |                            | 0.451                       | 0.342                  | 0.004                    | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.084                     | 0.461             |                   | 0.733               |                   | 0.708               | 0.315              | 0.258              | 0.456                |                    | 0.386                |
| March   Marc   | LTE B12_Ant1 | NR n77_Ant2       | Front Surface<br>Back Surface | 15       | 0.094            | 0.336                   | 0.313                      | 0.111                    | 0.214                      | 0.451                       | 0.613                  | 0.230<br>0.664           | 0.113                  | 0.056                   | 0.090                  | 0.020                   | 0.612                     | 0.759             | 0.702<br>0.946    | 0.875               | 0.860<br>1.051    | 1.005               | 0.915              | 0.894              | 0.754<br>0.736       | 0.999              | 1.054                |
| March   Marc   | LTE B12_Ant1 |                   | Front Surface<br>Back Surface | 15       | 0.094            | 0.141                   | 0.313                      | 0.111                    | 0.214                      | 0.451                       | 0.613                  | 0.230<br>0.664           | 0.113                  | 0.056                   |                        | 0.020                   | 0.612                     | 1.281             | 1.250             | 1.109               | 1.365             | 1.341               | 1.229              | 1.208              | 1.050                | 1.313              | 1.360                |
| Column   C   | LTE B12_Ant1 | NR n77_AntS       | Front Surface<br>Back Surface | 15       | 0.090            | 0.187                   | 0.313                      | 0.111                    | 0.148                      | 0.367                       | 0.613                  | 0.230                    | 0.113                  | 0.056                   |                        | 0.000                   | 0.084                     | 1.009             | 0.608             | 0.917               | 1.093             | 1.009               | 0.519              | 0.462              | 0.778                | 1.041              | 0.590<br>1.096       |
| Color   March   Marc   |              |                   | Front Surface<br>Back Surface | 15       | 0.090            | 0.080                   | 0.188                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.664                    | 0.113                  |                         | 0.090                  | 0.000                   | 0.612                     | 1.337             | 1.316             | 1.245               | 1.421             | 1.397               |                    | 1264               | 1.106                |                    | 1.424                |
| March   Marc   |              | NR nTT_Ant2       | Front Surface<br>Back Surface | 15       | 0.052            | 0.336                   |                            | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.084                     | 0.731             | 0.674             | 0.818               | 0.832             | 0.978               | 0.585<br>0.858     | 0.528              | 0.726                | 0.686              | 0.656                |
| Column   C   | _            |                   | Front Surface<br>Back Surface | 15       |                  |                         | 0.188                      |                          |                            |                             |                        |                          |                        |                         |                        | 0.000                   |                           |                   |                   |                     | 1.308             |                     |                    |                    |                      |                    | 1.311                |
| Color   Colo   |              |                   | Front Surface<br>Back Surface | 15       | 0.052            | 0.187                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.056                   | 0.090                  | 0.000                   | 0.084                     | 0.637             | 0.580             | 0.909               | 0.738<br>1.036    | 1.012               | 0.491              | 0.434              | 0.632                | 0.592              | 1.039                |
| N. S. P. C.      |              |                   | Back Surface                  | 15       | 0.037            | 0.515                   | 0.188                      |                          | 0.148                      | 0.461                       |                        |                          | 0.064                  | 0.043                   |                        | 0.640                   | 0.612                     | 1.200             | 1.259             |                     | 1.364             | 1.340               |                    | 1207               | 1.049                |                    | 1.367                |
| N. S. P. C.      |              |                   |                               | 15       | 0.134            |                         | 0.188                      | 0.111                    | 0.548                      | 0.461                       | 0.513                  | 0.664                    |                        | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.974             | 0.953             | 0.882               | 1.050             | 1.034               | 0.922              | 0.901              | 0.743                | 1.005              | 1.061                |
| The column   The   |              |                   | Back Surface<br>Front Surface | 15<br>15 | 0.134<br>0.435   | 0.110<br>0.110<br>0.140 | 0.188                      | 0.111<br>0.111<br>0.196  | 0.548                      | 0.461<br>0.367              | 0.513                  | 0.664                    | 0.054                  | 0.043                   | 0.322<br>0.000         | 0.640                   | 0.612<br>0.014            | 0.980             | 0.959             | 0.888               | 1.054             | 1.040               | 0.928              | 0.907              | 0.749                | 1.012<br>0.655     | 1.067                |
| March   Marc   |              |                   | Back Surface<br>Front Surface | 15       | 0.134            |                         | 0.188                      | 0.111                    | 0.148                      | 0.451                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322<br>0.000         |                         | 0.612                     | 1.016             | 0.995             | 0.924               | 1.100             | 1.076               | 0.964              | 0.943              | 0.785                | 1.048              | 1.103                |
| Color   Colo   |              |                   | Back Surface<br>Front Surface | 15       |                  | 0.109                   | 0.188                      | 0.111                    | 0.548                      |                             | 0.613                  |                          | 0.064                  | 0.043                   | 0.322                  | 0.640                   |                           | 0.971             | 0.950             |                     | 1.055             | 1.031               |                    |                    | 0.740                | 1.003              | 1.058                |
| The column   The   |              |                   | Back Surface<br>Front Surface | 15       | 0.091            | 0.154                   | 0.188                      | 0.111                    | 0.148                      | 0.451                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.973             | 0.952             | 0.881               | 1.057             | 1.033               | 0.921              | 0.900              | 0.742                | 1.005              | 1.050                |
| THE PART MAY NOT TAKE  | -            |                   | Back Surface<br>Front Surface | 15       | 0.091            | 0.109                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    |                        | 0.043                   |                        | 0.640                   | 0.612                     | 0.928             | 0.907             | 0.836               | 1.012             |                     | 0.876              | 0.855              | 0.697                | 0.960              | 1.015                |
| Tell Column      | _            |                   | Back Surface<br>Front Surface | 15       | 0.091            | 0.145                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.964             | 0.943             | 0.872               | 1.048<br>0.782    | 1.004               | 0.912<br>0.535     | 0.891              | 0.733                | 0.996              | 1.051                |
| March   Marc   |              |                   | Front Surface                 | 15<br>15 | 0.091            | 0.187                   | 0.188                      | 0.135                    | 0.214                      | 0.461                       | 0.342                  | 0.664                    | 0.113                  | 0.043                   | 0.090                  | 0.020                   | 0.612                     | 0.519             | 0.462             | 0.791               | 1.090<br>0.620    | 1.066               | 0.373              | 0.316              | 0.775<br>0.514       | 0.474              | 1.093<br>0.444       |
| No. 19.60   No.    |              |                   | Back Surface<br>Front Surface | 15<br>15 | 0.091            | 0.515<br>0.141          | 0.186                      | 0.111                    |                            | 0.451                       |                        |                          | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     |                   | 1.313<br>0.625    |                     | 1.410<br>0.703    | 1.394               |                    |                    | 1.103<br>0.677       | 1.366              | 1.421<br>0.607       |
| CTEX.ACT   Mathematics   C. C. C. C. C. C. C. C. C. C. C. C. C.  |              |                   | Back Surface<br>Front Surface | 15       |                  | 0.459                   | 0.313                      | 0.111                    | 0.148<br>0.214             | 0.461                       | 0.613<br>0.342         | 0.054                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.321<br>0.783    | 1.300<br>0.726    | 1.229               | 1.405<br>0.884    | 1.000               | 1.269<br>0.637     |                    | 1.090<br>0.778       | 1.353<br>0.738     | 1.408<br>0.708       |
| Column   C   |              |                   | Back Surface<br>Front Surface | 15<br>15 | 0.198            | 0.187                   | 0.313                      | 0.111                    | 0.148                      | 0.367                       |                        | 0.664                    | 0.064                  | 0.056                   | 0.322                  | 0.640                   | 0.064                     | 1.049             | 1.028<br>0.564    | 0.957               | 1.133<br>0.722    | 1.109               | 0.997              | 0.975              | 0.018                | 1.081<br>0.576     | 1.136<br>0.546       |
| The column   The   |              |                   | Back Surface<br>Front Surface | 15       | 0.134            | 0.515                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.377             | 1.356<br>0.635    | 1.285               | 1.461<br>0.793    | 1.437               | 1.325<br>0.546     | 1.304              | 1.146<br>0.687       | 1.409<br>0.647     | 1.464<br>0.617       |
| CTER_ACT   MIS   |              |                   | Back Surface<br>Front Surface | 15       | 0.215            | 0.115                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 1.061             | 1.040<br>0.565    | 0.969               | 1.145<br>0.723    | 1.121               | 1.009<br>0.476     | 0.988              | 0.830                | 1.093<br>0.577     | 1.140<br>0.547       |
| CTREAM   C   |              |                   | Back Surface<br>Front Surface | 15       | 0.063            | 0.112                   | 0.313                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.230                    | 0.064                  | 0.043                   | 0.090                  | 0.640                   | 0.612                     |                   | 0.882             | 0.811               | 0.987             | 0.963               | 0.051              | 0.830              | 0.672                | 0.935              | 0.990                |
| THE PART   PRINCIPATE   PRINCIPATE   PRINCIPATE   THE PART   THE   |              |                   | Back Surface<br>Front Surface | 15<br>15 | 0.215            | 0.154                   |                            | 0.111                    | 0.148                      | 0.367                       | 0.613                  |                          | 0.064                  | 0.063                   | 0.090                  | 0.640                   | 0.612                     | 1.097<br>0.714    | 1.076<br>0.657    | 1.005               | 1.101<br>0.015    | 1.157               | 1.045<br>0.568     | 1.034<br>0.511     | 0.866                | 1.129<br>0.669     | 1.104<br>0.639       |
| CTER_AND   Mid   |              |                   | Back Surface<br>Front Surface | 15       | 0.215            |                         | 0.313                      | 0.111                    | 0.148                      | 0.367                       | 0.342                  | 0.664                    | 0.064                  | 0.056                   | 0.322                  | 0.640                   | 0.012                     | 1.052             | 1.031<br>0.541    | 0.960               | 1.136             |                     | 1.000<br>0.452     | 0.979              | 0.593                | 0.553              | 1.139<br>0.523       |
| THE MAN   MAT   AND   Mark State   1   | LTE BSS Ant4 | NR nS Ant3        | Back Surface<br>Front Surface | 15       | 0.072            | 0.154                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.063                   | 0.322                  | 0.640                   | 0.012                     | 0.954             | 0.933             | 0.862               | 1.038<br>0.692    | 1.014<br>0.838      | 0.902              | 0.881              | 0.723                | 0.985              | 1.041<br>0.516       |
| THE MAN   MAT   AND   Mark State   1   | LTE B65_An2  | NR n71_Ant1       | Back Surface<br>Front Surface | 15       | 0.072            | 0.109                   | 0.188                      | 0.111                    | 0.548                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.063                   | 0.322                  | 0.640                   | 0.612                     | 0.909             | 0.888             | 0.817               | 0.993             | 0.889               | 0.857              | 0.836              | 0.678                | 0.941              | 0.995<br>0.564       |
| Temporal    |              |                   | Front Surface                 | 15       | 0.215            | 0.028                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.113                  | 0.063                   | 0.322                  | 0.020                   | 0.612                     | 1.036             | 1.015<br>0.533    | 0.944               | 1.120<br>0.691    | 1.095               | 0.984              | 0.387              | 0.805                | 1.068<br>0.545     | 1.123<br>0.515       |
| TITLE, AND   TIT   |              |                   | Back Surface<br>Front Surface | 15       | 0.215            | 0.022                   | 0.188                      | 0.111                    | 0.548                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.063                   | 0.322                  | 0.640                   | 0.612                     | 0.965             | 0.964             | 0.873               | 1.049<br>0.617    | 0.763               | 0.913              | 0.892              | 0.734                | 0.997              | 1.052<br>0.441       |
| TITLE, AND   TIT   |              | _                 | Back Surface<br>Front Surface | 15       | 0.072            | 0.093                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   | 0.322                  | 0.640                   | 0.612                     | 0.893             | 0.872             | 0.801               | 0.977             | 0.953               | 0.841              | 0.820              | 0.662                | 0.925              | 0.980                |
|  |              |                   | Front Surface                 |          | 0.095            | 0.336                   |                            | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.043                   |                        | 0.640                   |                           | 0.022             | 0.801             | 1.047               | 0.906             | 1.022               | 0.629              |                    | 0.591                |                    | 0.909                |
| Triggs   April   Trig   |              |                   |                               | 15       | 0.072            | 0.145                   | 0.188                      | 0.111                    | 0.148                      | 0.461                       | 0.613                  | 0.664                    | 0.064                  | 0.063                   | 0.322                  | 0.640                   | 0.612                     | 0.945             | 0.924             | 0.853               | 1.029<br>0.782    | 0.928               | 0.893              | 0.872              | 0.714                | 0.977              | 1.032<br>0.606       |
| Table   Tabl   |              |                   | Front Surface                 |          |                  | 0.000                   |                            | 0.135                    | 0.214                      | 0.367                       |                        |                          | 0.113                  |                         |                        | 0.020                   | 0.084                     | 0.519             |                   | 0.791               | 0.620             | 0.766               | 0.373              | 0.315              | 0.514                | 0.474              |                      |
| Back-Strates 15 0.315 0.187 0.188 0.111 0.148 0.411 0.441 0.415 0.504 0.504 0.505 0.322 0.440 0.602 1.130 1.030 1.030 1.031 1.034 1.130 1.078 1.057 0.030 1.130 1.130 1.078 1.057 0. | LTE B66_Ani2 | NR n77_Aes4       | Front Surface                 | 15       | 0.219            | 0.141                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.065                   | 0.090                  | 0.020                   | 0.084                     | 0.203             | 0.646<br>1.304    | 0.975               | 0.804             | 0.950               | 0.557              | 0.500              | 0.698                | 0.658              | 1.402<br>0.628       |
| Back-Strates 15 0.315 0.187 0.188 0.111 0.148 0.411 0.441 0.415 0.504 0.504 0.505 0.322 0.440 0.602 1.130 1.030 1.030 1.031 1.034 1.130 1.078 1.057 0.030 1.130 1.130 1.078 1.057 0. | LTE B66_An2  |                   | Front Surface                 | 15       | 0.219            | 0.242                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    |                        | 0.063                   | 0.090                  | 0.020                   | 0.084                     | 0.804             | 0.747             | 1.076               | 0.905             | 1.051               | 0.658              | 0.601              | 0.799                | 0.759              | 0.729                |
|  |              |                   | Front Surface                 | 15       | 0.219            | 0.000                   | 0.313                      | 0.135                    | 0.214                      | 0.367                       | 0.342                  | 0.230                    | 0.113                  | 0.065                   | 0.090                  | 0.020                   | 0.084                     | 1.130<br>0.642    | 0.585<br>1.427    | 0.914               | 0.743             | 0.889               | 0.496              | 0.429              | 0.637                | 0.597              | 0.567                |
|  |              |                   |                               |          |                  |                         |                            |                          |                            |                             |                        |                          |                        |                         |                        |                         |                           |                   |                   |                     |                   |                     |                    |                    | 1.441                |                    |                      |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有的用,他都是结果做新测验之样具色素,同时他接具做是例如于。木型生产概率从同事而连可,不可如必填制。

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Page: 541 of 939

# LTE Inter band Active

|              | LTE Inter band+ WLAN + E                         |                               |         |        |        |             |             |             |           | Reported SAR |           |           |              |           |           |           | Scenario1    | Scenario2      | Scenario3    | Scenario4   | Scenario5    | Scenario6   | Scenario7    | Scenarioli  | Somarioù     | Scenario 12 |
|--------------|--|-------------------------------|---------|--------|--------|-------------|-------------|-------------|-----------|--------------|-----------|-----------|--------------|-----------|-----------|-----------|--------------|----------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
|              | LIE MINE DANG+ WLAN + E                          | euenoom                       |         |        |        | 2           |             | -           |           | Reported SAR |           |           |              | - 10      |           | 12        | 0+1+7+8      | 0+1+7+9        | 0+1+3+5+8    | 0+1+4+7     | 0+1+3+6+8    | 0+1+8+12    | 0+1+9+12     | 0+1+3+8+10  | 0+1+4+12     | 0+1+3+0+11  |
|              |  |                               |         | _      | _      | 2.4GHz WLAN | 2.4GHz WLAN | 2.4GHz WLAN | SGHz WLAN | SGHz WLAN    | SGHE WLAN | Divelopth | Divetooth    | GGHz WLAN | 6GHz WLAN | GGHz WLAN |              |                |              |             |              |             |              |             |              |             |
| LTE          | LTE  | Exposure P                    | osition | WWAN   | WWAN   | Ans/ICho)   | Ansil(Ch1)  | Act7+0      | Ant7(Ch0) | Act8(Ch1)    | Act7+0    | Ans7(Ch0) | Ansili Chili | Ant7(Ch0) | Act8(Ch1) | Act7+0    | Summed       | Summed         | Summed       | Summed      | Summed       | Summed      | Summed       | Summed      | Summed       | Summed      |
|              |  |                               |         | to SAR | 12 SAR | 1o SAR      | to SAR      | to SAR      | to SAR    | to SAR       | 1o SAR    | to SAR    | 1g SAR       | to SAR    | to SAR    | 1g SAR    | 1g SAR(W/kg) | 1g SAR(Wkg)    | 1g SAR(W/kg) | fg SAR(Wkg) | 1g SAR(W/kg) | fg SAR(Wkg) | 1g SAR(W/kg) | tg SAR(Wkg) | 1g SAR(W/kg) | 1g SAR(Wkg) |
|              |  |                               |         | (W/kg) | (Wike) | (Wkg)       | (Wkg)       | (W/kg)      | (Wikg)    | (Wkg)        | (Wkp)     | (Wkg)     | (W/kg)       | (W/kg)    | (Wkg)     | (Wkg)     |              |                |              |             |              |             |              |             |              |             |
| LTE 02 Ant2  | LTE 94 Ant1                                      | Front Surface                 | 15      | 0.290  | 0.121  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.754        | 0.697          | 1.025        | 0.855       | 1.001        | 0.608       | 0.551        | 0.749       | 0.709        | 0.679       |
| LILUZ,AND    | LIEBA,ARI  | Back Surface                  | 15      | 0.254  | 0.060  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.120        | 1.099          | 0.960        | 1.204       | 1.128        | 1.000       | 0.979        | 0.821       | 1.084        | 1.139       |
| LTE 02 Ant2  | LTE 05 Ant1                                      | Front Surface                 | 15      | 0.290  | 0.174  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.807        | 0.750          | 1.079        | 0.908       | 1.054        | 0.661       | 0.604        | 0.802       | 0.762        | 0.732       |
| L10.00,7010  | L18 80 /481                                      | Back Surface                  | 15      | 0.254  | 0.149  | 0.188       | 0.111       | 0.148       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.209        | 1.100          | 1.049        | 1.293       | 1.217        | 1.009       | 1.068        | 0.910       | 1.173        | 1.228       |
| LTE 02, Ant2 | LTE 05_Ant3                                      | Front Surface                 | 15      | 0.290  | 0.180  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.813        | 0.756          | 1.005        | 0.914       | 1.000        | 0.667       | 0.610        | 0.808       | 0.768        | 0.738       |
| LILUZ,AND    | LILES,AND  | Back Surface                  | 15      | 0.254  | 0.125  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.185        | 1.164          | 1.025        | 1.269       | 1.193        | 1.065       | 1.044        | 0.886       | 1.149        | 1.204       |
| LTE 02 Anti  | LTE 05 Ant1                                      | Front Surface                 | 15      | 0.093  | 0.174  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.610        | 0.553          | 0.882        | 0.711       | 0.857        | 0.464       | 0.407        | 0.605       | 0.565        | 0.535       |
| L10.00,7004  | L18 80 /481                                      | Back Surface                  | 15      | 0.083  | 0.149  | 0.188       | 0.111       | 0.148       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.028        | 1.007          | 0.868        | 1.112       | 1.036        | 0.908       | 0.867        | 0.729       | 0.992        | 1.047       |
| LTE 02 Anti  | LTE 05 Anti                                      | Front Surface                 | 15      | 0.093  | 0.180  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.616        | 0.559          | 0.888        | 0.717       | 0.863        | 0.470       | 0.413        | 0.611       | 0.571        | 0.541       |
| LILUZ,AM     | LILES,AND  | Back Surface                  | 15      | 0.083  | 0.125  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.004        | 0.983          | 0.844        | 1.000       | 1.012        | 0.884       | 0.863        | 0.705       | 0.968        | 1.023       |
| LTE 02 Ant2  | LTE B12 Ant1                                     | Front Surface                 | 15      | 0.290  | 0.000  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.713        | 0.656          | 0.985        | 0.014       | 0.960        | 0.567       | 0.510        | 0.708       | 0.668        | 0.630       |
| LILUZ,AND    | LIE BIZ,ANN                                      | Back Surface                  | 15      | 0.254  | 0.094  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.154        | 1.133          | 0.994        | 1.230       | 1.162        | 1.034       | 1.013        | 0.855       | 1.110        | 1.173       |
|              |  | Front Surface                 | 15      | 0.290  | 0.052  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.685        | 0.628          | 0.957        | 0.786       | 0.932        | 0.539       | 0.482        | 0.680       | 0.640        | 0.610       |
| LTE B2_Ant2  | LTE B12_And                                      | Back Surface                  | 15      | 0.254  | 0.037  | 0.188       | 0.111       | 0.148       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.097        | 1.076          | 0.937        | 1.101       | 1.105        | 0.977       | 0.955        | 0.798       | 1.061        | 1.116       |
|              |  | Front Surface                 | 15      | 0.093  | 0.080  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.516        | 0.459          | 0.788        | 0.617       | 0.763        | 0.370       | 0.313        | 0.511       | 0.471        | 0.441       |
| LTE B2_Ant4  | LTE B12_Ant1                                     | Back Surface                  | 15      | 0.003  | 0.094  | 0.188       | 0.111       | 0.148       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 0.973        | 0.952          | 0.813        | 1.057       | 0.981        | 0.853       | 0.832        | 0.674       | 0.937        | 0.992       |
|              |  | Front Surface                 | 15      | 0.093  | 0.052  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.488        | 0.431          | 0.760        | 0.589       | 0.735        | 0.342       | 0.285        | 0.403       | 0.443        | 0.413       |
| LTE B2_Ant4  | LTE B12_And                                      | Back Surface                  | 15      | 0.083  | 0.037  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 0.946        | 0.895          | 0.756        | 1.000       | 0.924        | 0.796       | 0.775        | 0.617       | 0.880        | 0.935       |
|              | 1  | Front Surface                 | 15      | 0.290  | 0.383  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 9.113     | 0.056        | 0.090     | 0.020     | 0.004     | 1.016        | 0.959          | 1,200        | 1,117       | 1,263        | 0.870       | 0.813        | 1.011       | 0.971        | 0.941       |
| LTE B2, Ant2 | LTE B30_Ant1                                     | Back Surface                  | 15      | 0.254  | 0.265  | 0.188       | 0.111       | 0.148       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1,325        | 1,304          | 1.165        | 1.409       | 1,222        | 1,205       | 1.194        | 1.026       | 1,289        | 1.344       |
|              |  | Front Surface                 | 15      | 0.290  | 0.143  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.776        | 0.719          | 1.048        | 0.877       | 1.023        | 0.630       | 0.573        | 0.771       | 0.731        | 0.701       |
| LTE B2, Ant2 | LTE BSS_Ant1                                     | Back Surface                  | 15      | 0.254  | 0.063  | 0.188       | 0.111       | 0.548       | 0.491     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.123        | 1 102          | 0.963        | 1,207       | 1 131        | 1.003       | 0.902        | 0.824       | 1.067        | 1.142       |
|              |  | Front Surface                 | 15      | 0.238  | 0.000  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.661        | 0.604          | 0.933        | 0.762       | 0.908        | 0.515       | 0.458        | 0.656       | 0.616        | 0.506       |
| LTE B4_Ant2  | LTE B12_Ant1                                     | Back Surface                  | 15      | 0.225  | 0.094  | 0.188       | 0.111       | 0.548       | 0.491     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.195        | 1.095          | 0.956        | 1,200       | 1.124        | 0.995       | 0.975        | 0.017       | 1.000        | 1,135       |
|              |  | Econt Surface                 | 15      | 0.238  | 0.052  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.633        | 0.576          | 0.905        | 0.734       | 0.880        | 0.407       | 0.430        | 0.628       | 0.588        | 0.550       |
| LTE B4_Ant2  | LTE B12_And                                      | Back Surface                  | 15      | 0.225  | 0.007  | 0.188       | 9.111       | 0.140       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.009        | 1,030          | 0.099        | 1,143       | 1.067        | 0.939       | 0.918        | 0.760       | 1.023        | 1.078       |
|              |  | Front Surface                 | 15      | 0.009  | 0.000  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.512        | 0.455          | 0.784        | 0.613       | 0.759        | 0.366       | 0.309        | 0.507       | 0.467        | 0.437       |
| LTE B4_Ans4  | LTE B12_Ant1                                     | Back Surface                  | 15      | 0.064  | 0.094  | 0.188       | 0.111       | 0.548       | 0.491     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 0.954        | 0.933          | 0.794        | 1.030       | 0.962        | 0.834       | 0.813        | 0.655       | 0.918        | 0.973       |
|              |  | Econt Surface                 | 15      | 0.009  | 0.052  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.000     | 0.004     | 0.454        | 0.427          | 0.756        | 0.505       | 0.735        | 0.338       | 0.281        | 0.479       | 0.429        | 0.409       |
| LTE B4_Ans4  | LTE B12_And                                      | Back Surface                  | 15      | 0.064  | 0.037  | 0.188       | 0.111       | 0.948       | 0.461     | 0.629        | 0.732     | 0.054     | 0.043        | 0.322     | 0.640     | 0.612     | 0.897        | 0.876          | 0.737        | 0.981       | 0.905        | 0.777       | 0.756        | 0.598       | 0.861        | 0.916       |
|              |  | Front Surface                 | 15      | 0.238  | 0.383  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.064     | 0.964        | 0.907          | 1,236        | 1.065       | 1,211        | 0.010       | 0.761        | 0.959       | 0.919        | 0.009       |
| LTE B4_Ant2  | LTE B30_Ant1                                     | Back Surface                  | 15      | 0.225  | 0.265  | 0.188       | 0.111       | 0.148       | 0.491     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.287        | 1,266          | 1.127        | 1.371       | 1,295        | 1,167       | 1.146        | 0.900       | 1,251        | 1.306       |
|              |  | Front Surface                 | 15      | 0.174  | 0.198  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.004     | 0.715        | 0.658          | 0.987        | 0.016       | 0.962        | 0.569       | 0.512        | 0.710       | 0.670        | 0.640       |
| LTE 05_Ant1  | LTE 830_An/2                                     | Back Surface                  | 45      | 0.114  | 0.126  | 0.515       | 0.111       | 0.514       | 0.401     | 0.629        | 0.732     | 0.054     | 0.000        | 0.322     | 0.640     | 0.612     | 1,079        | 1.050          | 0.919        | 1.163       | 1.082        | 0.959       | 0.938        | 0.710       | 1.040        | 1.090       |
|              | _  | Front Surface                 | 15      | 0.174  | 0.096  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.012     | 0.613        | 0.556          | 0.865        | 0.714       | 0.860        | 0.467       | 0.410        | 0.600       | 0.568        | 0.530       |
| LTE 05, Ant1 | LTE B30_AnH                                      | Back Surface                  | 15      | 0.149  | 0.091  | 0.100       | 0.111       | 0.140       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.036        | 1.015          | 0.875        | 1.120       | 1.044        | 0.916       | 0.895        | 0.737       | 1.000        | 1.055       |
|              | 1  | Front Surface                 | 45      | 0.190  | 0.198  | 0.713       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.004     | 0.721        | 0.004          | 0.993        | 0.022       | 0.968        | 0.575       | 0.518        | 0.716       | 0.676        | 0.646       |
| LTE 05, Ant3 | LTE 830_An2                                      | Back Surface                  | 15      | 0.100  | 0.136  | 0.168       | 0.135       | 0.214       | 0.967     | 0.629        | 0.732     | 0.054     | 0.063        | 0.090     | 0.640     | 0.064     | 1,055        | 1.034          | 0.895        | 1,139       | 1.063        | 0.935       | 0.518        | 0.716       | 1.019        | 1.074       |
|              |  | Front Surface                 | 15      | 0.125  | 0.134  | 0.166       | 0.111       | 0.148       | 0.461     | 0.029        | 0.732     | 0.004     | 0.063        | 0.322     | 0.000     | 0.012     | 0.619        | 0.562          | 0.890        | 0.720       | 1.063        | 0.473       | 0.415        | 0.756       | 0.574        | 0.544       |
| LTE 05, Ant3 | LTE B30_AnH                                      | Back Surface                  | 45      | 0.125  | 0.091  | 0.100       | 0.111       | 0.140       | 0.401     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 1.012        | 0.991          | 0.852        | 1.096       | 1.020        | 0.892       | 0.871        | 0.713       | 0.976        | 1.001       |
|              | <del>                                     </del> | Front Surface                 | 15      | 0.000  | 0.198  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.012     | 0.621        | 0.564          | 0.892        | 0.722       | 0.868        | 0.475       | 9.419        | 0.016       | 0.576        | 0.546       |
| LTE B12_Ant1 | LTE 830_An2                                      | Back Surface                  | 15      | 0.094  | 0.134  | 0.100       | 0.135       | 0.214       | 0.401     | 0.542        | 0.732     | 0.113     | 0.063        | 0.090     | 0.640     | 0.004     | 1.024        | 1.003          | 0.864        | 1,100       | 1.032        | 0.904       | 0.883        | 0.725       | 0.576        | 1.043       |
|              | <del>                                     </del> | Front Surface                 | 15      | 0.090  | 0.096  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.055        | 0.090     | 0.020     | 0.004     | 0.519        | 0.462          | 0.791        | 0.620       | 0.766        | 0.373       | 0.316        | 0.125       | 0.474        | 0.444       |
| LTE B12_Ant1 | LTE 830_AnH                                      | Back Surface                  | 15      | 0.000  | 0.091  | 0.313       | 0.130       | 0.214       | 0.967     | 0.542        | 0.732     | 0.113     | 0.056        | 0.090     | 0.660     | 0.064     | 0.901        | 0.462          | 0.821        | 1.055       | 0.766        | 0.373       | 0.540        | 0.514       | 0.945        | 1.000       |
|              |  | Exect Surface                 | 15      | 0.052  | 0.198  | 0.166       | 0.111       | 0.148       | 0.491     | 0.029        | 0.732     | 0.064     | 0.063        | 0.322     | 0.000     | 0.012     | 0.501        | 0.980          | 0.821        | 1.065       | 0.569        | 0.861       | 0.240        | 0.682       | 0.545        | 0.518       |
| LTE B12_Ant3 | LTE 830_An/2                                     | Back Surface                  | 15      | 0.052  | 0.134  | 0.100       | 0.135       | 0.214       | 0.461     | 0.542        | 0.732     | 0.054     | 0.063        | 0.090     | 0.640     | 0.004     | 0.967        | 0.536          | 0.867        | 1.051       | 0.975        | 0.847       | 0.025        | 0.566       | 0.931        | 0.986       |
|              | <del>                                     </del> | Front Surface                 | 15      | 0.052  | 0.096  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.220     | 0.113     | 0.056        | 0.090     | 0.020     | 0.004     | 0.491        | 0.404          | 0.763        | 0.592       | 0.738        | 0.345       | 0.288        | 0.406       | 0.446        | 0.416       |
| LTE B12_Ant3 | LTE B30_AnH                                      | Back Surface                  | 15      | 0.002  | 0.091  | 0.313       | 0.135       | 0.214       | 0.967     | 0.629        | 0.732     | 0.054     | 0.063        | 0.090     | 0.640     | 0.064     | 0.491        | 0.434          | 0.764        | 1,000       | 0.932        | 0.804       | 0.783        | 0.625       | 0.666        | 0.943       |
|              | -  | Front Surface                 | 15      | 0.007  | 0.219  | 0.168       | 0.111       | 0.148       | 0.967     | 0.029        | 0.732     | 0.064     | 0.063        | 0.090     | 0.020     | 0.012     | 0.642        | 0.903          | 0.914        | 0.743       | 0.002        | 0.696       | 0.429        | 0.637       | 0.597        | 0.967       |
| LTE B12_Ant1 | LTE B66_An2                                      | Front Surface<br>Back Surface | 15      | 0.090  | 0.219  | 0.313       | 0.135       | 0.214       | 0.367     | 0.542        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 1.105        | 0.585<br>1.094 | 0.914        | 1,109       | 1.113        | 0.496       | 0.439        | 0.637       | 1.009        | 0.567       |
|              |  | Front Surface                 | 15      | 0.094  | 0.096  | 0.168       | 0.111       | 0.148       | 0.967     | 0.029        | 0.732     | 0.064     | 0.063        | 0.090     | 0.020     | 0.012     | 0.519        | 0.462          | 0.791        | 0.620       | 0.766        | 0.905       | 0.364        | 0.514       | 0.474        | 0.444       |
| LTE B12_Ant1 | LTE BSS_AnH                                      |                               | 15      |        |        | 0.313       |             |             |           |              |           |           |              |           |           |           |              | 0.462          |              |             |              |             |              |             |              |             |
|              |  | Back Surface                  |         | 0.094  | 0.072  |             | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.054     | 0.043        | 0.322     | 0.640     | 0.612     | 0.962        |                | 0.802        | 1.046       | 0.970        | 0.842       | 0.821        | 0.663       | 0.926        | 0.981       |
| LTE B12_Ant3 | LTE BSS_AnG                                      | Front Surface<br>Back Surface | 15      | 0.052  | 0.219  | 0.313       | 0.135       | 0.214       | 0.367     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.614        | 0.557          | 0.886        | 0.715       | 0.861        | 0.468       | 0.411        | 0.609       | 0.509        | 0.539       |
|              |  | Back Surface<br>Exert Surface | 15      |        | 0.215  |             |             |             |           | 0.629        |           |           |              |           |           |           | 1.048        |                |              | 1.132       |              | 0.928       |              |             | 1.012        |             |
| LTE B12_Ant3 | LTE BSS_Ansi                                     |                               |         | 0.052  | 0.095  | 0.313       | 0.135       | 0.214       | 0.357     | 0.342        | 0.230     | 0.113     | 0.056        | 0.090     | 0.020     | 0.084     | 0.491        | 0.434          | 0.763        | 0.592       | 0.738        | 0.345       | 0.288        | 0.486       | 0.445        | 0.416       |
|              |  | Back Surface                  | 15      | 0.037  | 0.072  | 0.188       | 0.111       | 0.148       | 0.461     | 0.629        | 0.732     | 0.064     | 0.043        | 0.322     | 0.640     | 0.612     | 0.905        | 0.884          | 0.745        | 0.989       | 0.913        | 0.785       | 0.764        | 0.606       | 0.869        | 0.924       |

Body-worn\_15mm\_WLAN

| WLAN + I      | Stuetooth |             |             |             |           |           | Reported SAR |           |           |           |           |           | Scenario1      | Scenario2     | Scenario3    | Scenario4     | Scenario5    | Scenario6      | Scenario7    | Scenario8     | Scenario9     | Scenario10   |
|---------------|-----------|-------------|-------------|-------------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|----------------|---------------|--------------|---------------|--------------|----------------|--------------|---------------|---------------|--------------|
|               |           | 2           | 3           | 4           | 5         | 6         | 7            | 8         | 9         | 10        | 11        | 12        | 7+8            | 7+9           | 3+5+8        | 4+7           | 3+6+8        | 8+12           | 9+12         | 3+8+10        | 4+12          | 3+8+11       |
|               |           | 2.4GHz WLAN | 2.4GHz WLAN | 2.4GHz WLAN | 5GHz WLAN | 5GHz WLAN | 5GHz WLAN    | Bluetooth | Bluetooth | 6GHz WLAN | 6GHz WLAN | 6GHz WLAN | Summed         | Summed        | Summed       | Summed        | Summed       | Quantoned      | Comment      | Comment       | Comment       | Quanto       |
| Exposure      | Position  | Ant7(Ch0)   | Ant8(Ch1)   | Ant7+8      | Ant7(Ch0) | Ant8(Ch1) | Ant7+8       | Ant7(Ch0) | Ant8(Ch1) | Ant7(Ch0) | Ant8(Ch1) | Ant7+8    | Summed         | Summed        | Summan       | Summed        | Summed       | Summed         | Summed       | Summad        | Summed        | ounmed       |
|               |           | 1g SAR      | 1g SAR      | 1g SAR      | 1g SAR    | 1g SAR    | 1g SAR       | 1g SAR    | 1g SAR    | 1g SAR    | 1g SAR    | 1g SAR    | to CAROMINA    | 1a SARAWan)   | to CAROWine  | 14 CADMINA    | to OADOMAN)  | to CARONIAN    | to CARAMina) | to CADAMANA   | 4a CADOMSon)  | 1 a CADOMANA |
|               |           | (W/kg)      | (W/kg)      | (W/kg)      | (Wikg)    | (Wikg)    | (W/kg)       | (W/kg)    | (W/kg)    | (W/kg)    | (Wikg)    | (W/kg)    | ig over(reing) | ig sactional) | ig unequing) | ig saedening) | ig ser(ring) | ig over(reing) | ig sant(mag) | ig sandaning) | ig saddering) | ig wer(ring) |
| Front Surface | 15        | 0.313       | 0.135       | 0.214       | 0.515     | 0.342     | 0.252        | 0.113     | 0.066     | 0.090     | 0.020     | 0.084     | 0.365          | 0.308         | 0.763        | 0.466         | 0.500        | 0.197          | 0.140        | 0.338         | 0.298         | 0.268        |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 542 of 939

Hotspot mode 10mm

|                        | WLAN + Bluetooth |         |                  |                          |                          |                       | Reported SAR           |                        |                     |                        |                        | Scenario1    | Scenario2    | Scenario3    | Scenario4    | Scenario5    |
|------------------------|------------------|---------|------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|--------------|--------------|--------------|--------------|--------------|
|                        |                  |         | 1                | 2                        | 3                        | 4                     | 5                      | 6                      | 7                   | 8                      | 9                      | 1+7+8        | 1+7+9        | 1+3+5+8      | 1+4+7        | 1+3+6+8      |
| WWAN Ant               | Exposure Po      | osition | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | Summed       | Summed       | Summed       | Summed       | Summed       |
|                        |                  |         | 1g SAR<br>(W/kg) | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)      | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) |
|                        | Front Surface    | 10      | 0.417            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.827        | 0.804        | 0.840        | 0.914        | 0.765        |
|                        | Back Surface     | 10      | 0.443            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.910        | 0.916        | 0.850        | 0.964        | 1.037        |
| Maximum WWAN Ant1      | Top Edge         | 10      |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306        | 0.383        | 0.248        | 0.524        | 0.576        |
| maximum vivivation i   | Bottom Edge      | 10      | 0.387            |                          |                          |                       |                        |                        |                     |                        |                        | 0.387        | 0.387        | 0.387        | 0.387        | 0.387        |
|                        | Left Edge        | 10      | 0.508            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 1.056        | 0.761        | 0.955        | 1.100        | 0.803        |
|                        | Right Edge       | 10      |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325        | 0.338        | 0.013        | 0.348        | 0.172        |
|                        | Front Surface    | 10      | 0.539            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.949        | 0.926        | 0.962        | 1.036        | 0.887        |
|                        | Back Surface     | 10      | 0.762            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.229        | 1.235        | 1.169        | 1.283        | 1.356        |
| Maximum WWAN Ant2      | Top Edge         | 10      |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306        | 0.383        | 0.248        | 0.524        | 0.576        |
| MAXIIIIIII WWWAY AIRZ  | Bottom Edge      | 10      | 1.191            |                          |                          |                       |                        |                        |                     |                        |                        | 1.191        | 1.191        | 1.191        | 1.191        | 1.191        |
|                        | Left Edge        | 10      |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.548        | 0.253        | 0.447        | 0.592        | 0.295        |
|                        | Right Edge       | 10      | 0.439            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.764        | 0.777        | 0.452        | 0.787        | 0.611        |
|                        | Front Surface    | 10      | 0.709            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 1.119        | 1.096        | 1.132        | 1.206        | 1.057        |
|                        | Back Surface     | 10      | 0.417            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.884        | 0.890        | 0.824        | 0.938        | 1.011        |
| Maximum WWAN Ant3      | Top Edge         | 10      | 0.646            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.952        | 1.029        | 0.894        | 1.170        | 1.222        |
| Makindin WWW           | Bottom Edge      | 10      |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
|                        | Left Edge        | 10      |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.548        | 0.253        | 0.447        | 0.592        | 0.295        |
|                        | Right Edge       | 10      | 0.748            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 1.073        | 1.086        | 0.761        | 1.096        | 0.920        |
|                        | Front Surface    | 10      | 0.377            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.787        | 0.764        | 0.800        | 0.874        | 0.725        |
|                        | Back Surface     | 10      | 0.340            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.807        | 0.813        | 0.747        | 0.861        | 0.934        |
| Maximum WWAN Ant4      | Top Edge         | 10      | 0.541            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.847        | 0.924        | 0.789        | 1.065        | 1.117        |
| Mademani TTTTTT        | Bottom Edge      | 10      |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
|                        | Left Edge        | 10      | 0.802            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 1.350        | 1.055        | 1.249        | 1.394        | 1.097        |
|                        | Right Edge       | 10      |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325        | 0.338        | 0.013        | 0.348        | 0.172        |
|                        | Front Surface    | 10      | 0.378            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.788        | 0.765        | 0.801        | 0.875        | 0.726        |
|                        | Back Surface     | 10      | 0.469            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.936        | 0.942        | 0.876        | 0.990        | 1.063        |
| Maximum WWAN Ant5      | Top Edge         | 10      |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306        | 0.383        | 0.248        | 0.524        | 0.576        |
| Maximum VVVV4VVIII     | Bottom Edge      | 10      |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
|                        | Left Edge        | 10      | 0.587            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 1.135        | 0.840        | 1.034        | 1.179        | 0.882        |
|                        | Right Edge       | 10      |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325        | 0.338        | 0.013        | 0.348        | 0.172        |
|                        | Front Surface    | 10      | 0.292            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.702        | 0.679        | 0.715        | 0.789        | 0.640        |
|                        | Back Surface     | 10      | 0.874            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.341        | 1.347        | 1.281        | 1.395        | 1.468        |
| Maximum WWAN Ant6      | Top Edge         | 10      |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306        | 0.383        | 0.248        | 0.524        | 0.576        |
| MAXITIUTIT VVVVAN ANTO | Bottom Edge      | 10      | 0.196            |                          |                          |                       |                        |                        |                     |                        |                        | 0.196        | 0.196        | 0.196        | 0.196        | 0.196        |
|                        | Left Edge        | 10      | 0.286            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.834        | 0.539        | 0.733        | 0.878        | 0.581        |
| 1                      | Right Edge       | 10      |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325        | 0.338        | 0.013        | 0.348        | 0.172        |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数华红用摄影测过之样只有贵,同既此样只属是例如于。大规华工模大从司隶而实可,不可如以通剩。

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Page: 543 of 939

### **ENDC Active**

| ENDC         | Active            | !                             |          |                  |                  |                          |                          |                       |                        |                        |                     |                        |                        |                      |                      |                        |                      |                        |
|--------------|-------------------|-------------------------------|----------|------------------|------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|----------------------|----------------------|------------------------|----------------------|------------------------|
|              | ENDC+ WLAN + Blue | looth                         |          | 0                | 1                | 2                        | 3                        | Repor<br>4            | ted SAR<br>5           | 6                      | 7                   | 8                      | 9                      | Scenario1<br>0+1+7+8 | Scenario2<br>0+1+7+9 | Scenario3<br>0+1+3+5+8 | Scenario4<br>0+1+4+7 | Scenario5<br>0+1+3+6+8 |
| LTE          | NR                | Exposure P                    | osition  | WWAN             | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | Summed               | Summed               | Summed                 | Summed               | Summed                 |
|              |                   |                               |          | 1g SAR<br>(W/kg) | 1g SAR<br>(W/kg) | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)      | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR(W/kg)         | 1g SAR(W/kg)         | 1g SAR(W/kg)           | 1g SAR(W/kg)         | 1g SAR(W/kg)           |
|              |                   | Front Surface<br>Back Surface | 10       | 0.290<br>0.255   | 0.364            | 0.125                    | 0.132<br>0.105           | 0.197<br>0.123        | 0.181                  | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087                  | 1.064<br>0.954       | 1.041<br>0.960       | 0.787                  | 1.151                | 1.002                  |
| LTE B2_Ant2  | NR n5_Ant3        | Top Edge                      | 10       |                  | 0.284            | 0.023                    | 0.192                    | 0.123                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.590                | 0.667                | 0.532                  | 0.808                | 0.860                  |
| LIL DI_AIL   | Tectio_sello      | Bottom Edge<br>Left Edge      | 10       | 0.539            |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.539<br>0.548       | 0.539                | 0.000                  | 0.539                | 0.539                  |
|              |                   | Right Edge                    | 10       | 0.174            | 0.443            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.942                | 0.955                | 0.456                  | 0.965                | 0.789                  |
|              |                   | Front Surface<br>Back Surface | 10<br>10 | 0.290<br>0.255   | 0.292            | 0.125                    | 0.132<br>0.105           | 0.197<br>0.123        | 0.181<br>0.233         | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087<br>0.075         | 0.992<br>1.380       | 0.969<br>1.386       | 0.715<br>1.065         | 1.079                | 0.930<br>1.507         |
| LTE B2_Ant2  | NR n77_Ant6       | Top Edge                      | 10       |                  |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306                | 0.383                | 0.248                  | 0.524                | 0.576                  |
| _            |                   | Bottom Edge<br>Left Edge      | 10       | 0.539            | 0.196<br>0.286   | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.735<br>0.834       | 0.735<br>0.539       | 0.196<br>0.733         | 0.735                | 0.735                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.174<br>0.078   | 0.539            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159<br>0.106         | 0.325<br>0.300      | 0.110                  | 0.013                  | 0.499<br>1.027       | 0.512<br>1.004       | 0.013<br>0.962         | 0.522<br>1.114       | 0.346<br>0.965         |
|              |                   | Back Surface                  | 10       | 0.126            | 0.444            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.037                | 1.043                | 0.851                  | 1.091                | 1.164                  |
| LTE B5_Ant1  | NR n2_Ant2        | Top Edge<br>Bottom Edge       | 10       | 0.060            | 0.989            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306<br>1.049       | 0.383                | 0.248                  | 0.524<br>1.049       | 0.576<br>1.049         |
|              |                   | Left Edge                     | 10       | 0.154            |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.702                | 0.407                | 0.447                  | 0.746                | 0.449                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.078            | 0.439            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159                  | 0.325               | 0.110                  | 0.013                  | 0.764<br>0.654       | 0.777                | 0.452                  | 0.787                | 0.611                  |
|              |                   | Back Surface<br>Top Edge      | 10       | 0.126            | 0.121            | 0.108                    | 0.105                    | 0.123<br>0.247        | 0.233                  | 0.420<br>0.355         | 0.398<br>0.277      | 0.069                  | 0.075                  | 0.714<br>0.508       | 0.720<br>0.585       | 0.528<br>0.450         | 0.768<br>0.726       | 0.841                  |
| LTE B5_Ant1  | NR n2_Ant4        | Bottom Edge                   | 10       | 0.060            | 0.202            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.060                | 0.060                | 0.450                  | 0.726                | 0.060                  |
|              |                   | Left Edge<br>Right Edge       | 10       | 0.154            | 0.244            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  | 0.013                  | 0.946<br>0.325       | 0.651                | 0.691                  | 0.990                | 0.693                  |
|              |                   | Front Surface                 | 10       | 0.314            | 0.539            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 1.263                | 1.240                | 0.962                  | 1.350                | 1.201                  |
|              |                   | Back Surface<br>Top Edge      | 10       | 0.178            | 0.444            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.089                | 1.095<br>0.666       | 0.851                  | 1.143<br>0.807       | 1.216<br>0.859         |
| LTE B5_Ant3  | NR n2_Ant2        | Bottom Edge                   | 10       |                  | 0.989            |                          |                          |                       |                        | -                      |                     |                        |                        | 0.989                | 0.989                | 0.989                  | 0.989                | 0.989                  |
|              |                   | Left Edge<br>Right Edge       | 10       | 0.378            | 0.439            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  | 0.013                  | 0.548<br>1.142       | 0.253<br>1.155       | 0.447                  | 0.592<br>1.165       | 0.295                  |
|              |                   | Front Surface                 | 10       | 0.314            | 0.166            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.890                | 0.867                | 0.589                  | 0.977                | 0.828                  |
|              |                   | Back Surface<br>Top Edge      | 10       | 0.178<br>0.283   | 0.121            | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247        | 0.233                  | 0.420<br>0.355         | 0.398               | 0.069                  | 0.075                  | 0.766                | 0.772<br>0.868       | 0.528                  | 0.820<br>1.009       | 0.893                  |
| LTE B5_Ant3  | NR n2_Ant4        | Bottom Edge                   | 10       |                  |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000                | 0.000                | 0.000<br>0.691         | 0.000                | 0.000                  |
|              |                   | Left Edge<br>Right Edge       | 10       | 0.378            | 0.244            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  | 0.013                  | 0.792                | 0.497                | 0.691                  | 0.836                | 0.539                  |
|              |                   | Front Surface<br>Back Surface | 10       | 0.078<br>0.126   | 0.434            | 0.125<br>0.108           | 0.132                    | 0.197<br>0.123        | 0.181                  | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087                  | 0.922<br>1.061       | 0.899                | 0.857                  | 1.009                | 0.860                  |
| LTE B5_Ant1  | NR n66 Ant2       | Top Edge                      | 10       |                  |                  | 0.108                    | 0.105                    | 0.123                 | 0.027                  | 0.420                  | 0.398               | 0.029                  | 0.106                  | 0.306                | 0.383                | 0.248                  | 0.524                | 0.576                  |
| LIE BO_AILI  | NK 1100_A412      | Bottom Edge<br>Left Edge      | 10       | 0.060            | 0.782            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.842                | 0.842                | 0.782                  | 0.842                | 0.842                  |
|              |                   | Right Edge                    | 10       |                  | 0.325            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.650                | 0.663                | 0.338                  | 0.673                | 0.497                  |
|              |                   | Front Surface<br>Back Surface | 10       | 0.078            | 0.206<br>0.122   | 0.125                    | 0.132<br>0.105           | 0.197<br>0.123        | 0.181                  | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087                  | 0.694<br>0.715       | 0.671                | 0.629<br>0.529         | 0.781                | 0.632<br>0.842         |
| LTE B5 Ant1  | NR n66 Ant4       | Top Edge                      | 10       |                  | 0.224            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.530                | 0.607                | 0.472                  | 0.748                | 0.800                  |
|              |                   | Bottom Edge<br>Left Edge      | 10<br>10 | 0.060<br>0.154   | 0.285            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.060<br>0.987       | 0.060<br>0.692       | 0.000<br>0.732         | 0.060<br>1.031       | 0.060                  |
|              |                   | Right Edge                    | 10       |                  |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325                | 0.338                | 0.013                  | 0.348                | 0.172                  |
|              |                   | Front Surface<br>Back Surface | 10       | 0.314            | 0.434            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 1.158                | 1.135                | 0.857                  | 1.245                | 1.096                  |
| LTE B5_Ant3  | NR n66_Ant2       | Top Edge                      | 10       | 0.283            | 0.782            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.589                | 0.666<br>0.782       | 0.248                  | 0.807                | 0.859                  |
|              |                   | Bottom Edge<br>Left Edge      | 10       |                  | 0.782            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.782<br>0.548       | 0.782                | 0.782                  | 0.782                | 0.782                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.378            | 0.325            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159                  | 0.325               | 0.110                  | 0.013                  | 1.028                | 1.041                | 0.338                  | 1.051                | 0.875                  |
|              |                   | Back Surface                  | 10       | 0.178            | 0.122            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.767                | 0.773                | 0.529                  | 0.821                | 0.894                  |
| LTE B5_Ant3  | NR n66_Ant4       | Top Edge<br>Bottom Edge       | 10       | 0.283            | 0.224            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.813                | 0.890                | 0.472                  | 1.031                | 1.083                  |
|              |                   | Left Edge                     | 10       |                  | 0.285            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.833                | 0.538                | 0.732                  | 0.877                | 0.580                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.378            | 0.479            | 0.125                    | 0.013                    | 0.023                 | 0.181                  | 0.159                  | 0.325<br>0.300      | 0.110                  | 0.013                  | 0.703                | 0.716<br>0.944       | 0.013                  | 0.726<br>1.054       | 0.550                  |
|              |                   | Back Surface                  | 10       | 0.126            | 0.423            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.016                | 1.022                | 0.830                  | 1.070                | 1.143                  |
| LTE B5_Ant1  | NR n77_Ant2       | Top Edge<br>Bottom Edge       | 10       | 0.060            | 0.728            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306<br>0.788       | 0.383                | 0.248<br>0.728         | 0.524                | 0.576                  |
|              |                   | Left Edge                     | 10<br>10 | 0.154            | 0.241            | 0.405                    |                          | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  |                        | 0.702<br>0.566       | 0.407<br>0.579       | 0.447<br>0.254         | 0.746<br>0.589       | 0.449<br>0.413         |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.078            | 0.241            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.106                  | 0.325               | 0.110                  | 0.013                  | 0.865                | 0.879                | 0.254                  | 0.589                | 0.413                  |
|              |                   | Back Surface<br>Top Edge      | 10       | 0.126            | 0.340<br>0.541   | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247        | 0.233<br>0.027         | 0.420<br>0.355         | 0.398<br>0.277      | 0.069                  | 0.075                  | 0.933<br>0.847       | 0.939<br>0.924       | 0.747<br>0.789         | 0.987<br>1.065       | 1.060                  |
| LTE B5_Ant1  | NR n77_Ant4       | Bottom Edge                   | 10       | 0.060            |                  |                          | 0.192                    |                       |                        | 0.333                  |                     |                        | 0.108                  | 0.060                | 0.060                | 0.000                  | 0.060                | 0.060                  |
|              |                   | Left Edge<br>Right Edge       | 10       | 0.154            | 0.802            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253               | 0.295                  | 0.013                  | 1.504<br>0.325       | 1.209                | 1.249                  | 1.548<br>0.348       | 1.251<br>0.172         |
|              |                   | Front Surface                 | 10       | 0.078            | 0.362            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.850                | 0.827                | 0.785                  | 0.937                | 0.788                  |
|              |                   | Back Surface<br>Top Edge      | 10       | 0.126            | 0.469            | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247        | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.062<br>0.306       | 1.068                | 0.876                  | 1.116<br>0.524       | 1.189<br>0.576         |
| LTE B5_Ant1  | NR n77_Ant5       | Bottom Edge                   | 10       | 0.060            |                  | 0.101                    |                          |                       |                        |                        |                     |                        |                        | 0.060                | 0.060                | 0.000                  | 0.060                | 0.060                  |
|              |                   | Left Edge<br>Right Edge       | 10       | 0.154            | 0.523            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  | 0.013                  | 1.225<br>0.325       | 0.930<br>0.338       | 0.970<br>0.013         | 1.269<br>0.348       | 0.972                  |
|              |                   | Front Surface<br>Back Surface | 10<br>10 | 0.078            | 0.292            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123        | 0.181                  | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087<br>0.075         | 0.780<br>1.251       | 0.757<br>1.257       | 0.715<br>1.065         | 0.867<br>1.305       | 0.718<br>1.378         |
| LTE B5 Ant1  | NR n77 Ant6       | Top Edge                      | 10       |                  |                  | 0.108                    | 0.105                    | 0.123                 | 0.027                  | 0.420                  | 0.398               | 0.029                  | 0.106                  | 0.306                | 0.383                | 0.248                  | 0.524                | 0.576                  |
|              |                   | Bottom Edge<br>Left Edge      | 10       | 0.060            | 0.196<br>0.286   | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.256<br>0.988       | 0.256<br>0.693       | 0.196<br>0.733         | 0.256<br>1.032       | 0.256<br>0.735         |
|              |                   | Right Edge                    | 10       |                  |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325                | 0.338                | 0.013                  | 0.348                | 0.172                  |
|              |                   | Front Surface<br>Back Surface | 10       | 0.314            | 0.479            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106<br>0.420         | 0.300               | 0.110                  | 0.087                  | 1.203                | 1.180                | 0.902                  | 1.290<br>1.122       | 1.141                  |
| LTE B5_Ant3  | NR n77_Ant2       | Top Edge                      | 10       | 0.283            |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.589                | 0.666                | 0.248                  | 0.807                | 0.859                  |
| -            |                   | Bottom Edge<br>Left Edge      | 10       |                  | 0.728            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.728<br>0.548       | 0.728<br>0.253       | 0.728<br>0.447         | 0.728                | 0.728                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.378            | 0.241            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159<br>0.106         | 0.325               | 0.110                  | 0.013                  | 0.944<br>1.101       | 0.957<br>1.078       | 0.254<br>0.800         | 0.967<br>1.188       | 0.791                  |
|              |                   | Back Surface                  | 10       | 0.314            | 0.377            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.985                | 0.991                | 0.800                  | 1.188                | 1.112                  |
| LTE B5_Ant3  | NR n77_Ant4       | Top Edge<br>Bottom Edge       | 10       | 0.283            | 0.541            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 1.130                | 1.207<br>0.000       | 0.789                  | 1.348                | 1.400                  |
|              |                   | Left Edge                     | 10       |                  | 0.802            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 1.350                | 1.055                | 1.249                  | 1.394                | 1.097                  |
|              | -                 | Right Edge<br>Front Surface   | 10       | 0.378            | 0.362            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159<br>0.106         | 0.325               | 0.110                  | 0.013                  | 0.703<br>1.086       | 0.716<br>1.063       | 0.013<br>0.785         | 0.726<br>1.173       | 0.550<br>1.024         |
|              |                   | Back Surface                  | 10       | 0.178            | 0.469            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.114                | 1.120                | 0.876                  | 1.168                | 1.241                  |
| LTE B5_Ant3  | NR n77_Ant5       | Top Edge<br>Bottom Edge       | 10       | 0.283            |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.589                | 0.666                | 0.248                  | 0.807                | 0.859                  |
|              |                   | Left Edge                     | 10       |                  | 0.523            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 1.071                | 0.776                | 0.970                  | 1.115                | 0.818                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.378            | 0.292            | 0.125                    | 0.013<br>0.132           | 0.023                 | 0.181                  | 0.159<br>0.106         | 0.325               | 0.110                  | 0.013                  | 0.703<br>1.016       | 0.716<br>0.993       | 0.013<br>0.715         | 0.726<br>1.103       | 0.550<br>0.954         |
|              |                   | Back Surface                  | 10       | 0.178            | 0.658            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 1.303                | 1.309                | 1.065                  | 1.357                | 1.430                  |
| LTE B5_Ant3  | NR n77_Ant6       | Top Edge<br>Bottom Edge       | 10       | 0.283            | 0.196            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.589                | 0.666                | 0.248                  | 0.807                | 0.859                  |
|              |                   | Left Edge                     | 10       | 0.000            | 0.286            | 0.405                    | 0.000                    | 0.339                 | 0.152                  | 0.00                   | 0.253               | 0.295                  | 0.000                  | 0.834                | 0.539                | 0.733                  | 0.878                | 0.581                  |
|              |                   | Right Edge<br>Front Surface   | 10       | 0.378            | 0.539            | 0.125                    | 0.013<br>0.132           | 0.023<br>0.197        | 0.181                  | 0.159<br>0.106         | 0.325               | 0.110                  | 0.013                  | 0.703<br>1.011       | 0.716<br>0.988       | 0.013<br>0.962         | 0.726<br>1.098       | 0.550                  |
|              |                   | Back Surface<br>Top Edge      | 10<br>10 | 0.102            | 0.444            | 0.108                    | 0.105                    | 0.123<br>0.247        | 0.233                  | 0.420                  | 0.398<br>0.277      | 0.069                  | 0.075                  | 1.013<br>0.306       | 1.019<br>0.383       | 0.851<br>0.248         | 1.067<br>0.524       | 1.140<br>0.576         |
| LTE B12_Ant1 | NR n2_Ant2        | Bottom Edge                   | 10       | 0.044            | 0.989            |                          | 0.192                    |                       |                        | 0.300                  |                     |                        | 0.100                  | 1.033                | 1.033                | 0.989                  | 1.033                | 1.033                  |
|              |                   | Left Edge<br>Right Edge       | 10<br>10 | 0.122            | 0.439            | 0.405                    | 0.013                    | 0.339                 | 0.152                  | 0.159                  | 0.253<br>0.325      | 0.295                  | 0.013                  | 0.670<br>0.764       | 0.375<br>0.777       | 0.447<br>0.452         | 0.714<br>0.787       | 0.417                  |
|              | -                 | rogit Eage                    | 10       |                  | U.439            |                          | 0.013                    | 0.023                 |                        | 0.109                  | 0.320               |                        | 0.010                  | 0.704                | 0.111                | 0.402                  | w.rer                |                        |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有的时,他都是结果做到的这种,他就是结果的。

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Page: 544 of 939

|              | ENDC+ WLAN + Blueto | ooth  |                | 0                         | 1                         | 2                        | 3                        | Repor<br>4              | ted SAR<br>5              | 6                         | 7                       | 8                       | 9                       | Scenario1<br>0+1+7+8    | Scenario2<br>0+1+7+9    | Scenario3<br>0+1+3+5+8  | Scenario4<br>0+1+4+7    | Scenario5<br>0+1+3+6+8  |
|--------------|---------------------|---|----------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LTE          | NR                  | Exposure P                                  | osition        | WWAN<br>1g SAR            | WWAN<br>1g SAR            | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8   | 5GHz WLAN<br>Ant7(Ch0)    | 5GHz WLAN<br>Ant8(Ch1)    | 5GHz WLAN<br>Ant7+8     | Ant7(Ch0)               | Ant8(Ch1)               | Summed                  | Summed                  | Summed                  | Summed                  | Summed                  |
|              |                     | Front Surface                               | 10             | 1g SAR<br>(W/kg)<br>0.062 | 1g SAR<br>(W/kg)<br>0.166 | (W/kg)<br>0.125          | (W/kg)<br>0.132          | (W/kg)<br>0.197         | 1g SAR<br>(W/kg)<br>0.181 | 1g SAR<br>(W/kg)<br>0.106 | (W/kg)<br>0.300         | (W/kg)<br>0.110         | (W/kg)<br>0.087         | 1g SAR(W/kg)<br>0.638   | 1g SAR(W/kg)<br>0.615   | 1g SAR(W/kg)<br>0.589   | 1g SAR(W/kg)<br>0.725   | 1g SAR(W/kg)<br>0.576   |
| LTE B12_Ant1 | NR n2_An14          | Back Surface<br>Top Edge                    | 10             | 0.102                     | 0.121                     | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247          | 0.233<br>0.027            | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.690<br>0.508          | 0.696<br>0.585          | 0.528<br>0.450          | 0.744<br>0.726          | 0.817<br>0.778          |
| EIE BIZ_AIN  | NICIE_PER           | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.044<br>0.122            | 0.244                     | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.044<br>0.914          | 0.044<br>0.619          | 0.000<br>0.691          | 0.044<br>0.958          | 0.044<br>0.661          |
|              |                     | Right Edge<br>Front Surface                 | 10<br>10       | 0.091                     | 0.539                     | 0.125                    | 0.013<br>0.132           | 0.023<br>0.197          | 0.181                     | 0.159<br>0.106            | 0.325<br>0.300          | 0.110                   | 0.013<br>0.087          | 0.325<br>1.040          | 0.338<br>1.017          | 0.013<br>0.962          | 0.348<br>1.127          | 0.172<br>0.978          |
| LTE B12 Ant3 | NR n2 Ant2          | Back Surface<br>Top Edge                    | 10             | 0.048<br>0.093            | 0.444                     | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247          | 0.233<br>0.027            | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.959<br>0.399          | 0.965<br>0.476          | 0.851<br>0.248          | 1.013<br>0.617          | 1.086<br>0.669          |
|              |                     | Bottom Edge<br>Left Edge                    | 10<br>10<br>10 | 0.115                     | 0.989                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 0.989<br>0.548<br>0.879 | 0.989<br>0.253<br>0.892 | 0.989<br>0.447<br>0.452 | 0.989<br>0.592<br>0.902 | 0.989<br>0.295<br>0.726 |
|              |                     | Right Edge<br>Front Surface<br>Back Surface | 10             | 0.091<br>0.048            | 0.439                     | 0.125                    | 0.132<br>0.105           | 0.197<br>0.123          | 0.181                     | 0.106<br>0.420            | 0.325<br>0.300<br>0.398 | 0.110                   | 0.013                   | 0.940<br>0.681          | 0.892<br>0.917<br>0.687 | 0.452<br>0.862<br>0.573 | 1.027<br>0.735          | 0.726<br>0.878<br>0.808 |
| LTE B12_Ant3 | NR n2_Ant4          | Top Edge<br>Bottom Edge                     | 10             | 0.093                     | 0.121                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.520                   | 0.597                   | 0.369                   | 0.738<br>0.202          | 0.790<br>0.202          |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.115                     | 0.244                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 0.548<br>0.684          | 0.253<br>0.697          | 0.447                   | 0.592                   | 0.295<br>0.531          |
|              |                     | Front Surface<br>Back Surface               | 10<br>10       | 0.062<br>0.102            | 0.434<br>0.468            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123          | 0.181                     | 0.106<br>0.420            | 0.300<br>0.398          | 0.110                   | 0.087                   | 0.906<br>1.037          | 0.883<br>1.043          | 0.857<br>0.875          | 0.993                   | 0.844<br>1.164          |
| LTE B12_Ant1 | NR n66_Ant2         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.044                     | 0.782                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.306<br>0.826          | 0.383<br>0.826          | 0.248<br>0.782          | 0.524<br>0.826          | 0.576<br>0.826          |
|              |                     | Left Edge<br>Right Edge                     | 10<br>10       | 0.122                     | 0.325                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 0.670<br>0.650          | 0.375<br>0.663          | 0.447<br>0.338          | 0.714<br>0.673          | 0.417<br>0.497          |
|              |                     | Front Surface<br>Back Surface               | 10<br>10       | 0.062<br>0.102            | 0.206<br>0.122            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123          | 0.181<br>0.233            | 0.106<br>0.420            | 0.300<br>0.398          | 0.110                   | 0.087                   | 0.678<br>0.691          | 0.655<br>0.697          | 0.629<br>0.529          | 0.765<br>0.745          | 0.616<br>0.818          |
| LTE B12_Ant1 | NR n66_Ant4         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.044                     | 0.224                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.530<br>0.044          | 0.607<br>0.044          | 0.472<br>0.000          | 0.748<br>0.044          | 0.800<br>0.044          |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.122                     | 0.285                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 0.955<br>0.325          | 0.660                   | 0.732<br>0.013          | 0.999                   | 0.702<br>0.172          |
|              |                     | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10<br>10 | 0.091<br>0.048<br>0.093   | 0.434                     | 0.125<br>0.108<br>0.023  | 0.132<br>0.105<br>0.192  | 0.197<br>0.123<br>0.247 | 0.181<br>0.233<br>0.027   | 0.106<br>0.420<br>0.355   | 0.300<br>0.398<br>0.277 | 0.110<br>0.069<br>0.029 | 0.087<br>0.075<br>0.106 | 0.935<br>0.983<br>0.399 | 0.912<br>0.989<br>0.476 | 0.857<br>0.875<br>0.248 | 1.022<br>1.037<br>0.617 | 0.873<br>1.110<br>0.669 |
| LTE B12_Ant3 | NR n66_Ant2         | Bottom Edge<br>Left Edge                    | 10             | 0.033                     | 0.782                     | 0.405                    | 0.192                    | 0.339                   | 0.152                     | 0.355                     | 0.253                   | 0.295                   | 0.106                   | 0.782<br>0.548          | 0.782<br>0.253          | 0.782<br>0.447          | 0.782                   | 0.782                   |
|              |                     | Right Edge<br>Front Surface                 | 10             | 0.115                     | 0.325                     | 0.125                    | 0.013                    | 0.023                   | 0.181                     | 0.159                     | 0.325<br>0.300          | 0.110                   | 0.013                   | 0.765<br>0.707          | 0.778<br>0.684          | 0.338                   | 0.788                   | 0.612<br>0.645          |
|              |                     | Back Surface<br>Top Edge                    | 10             | 0.048<br>0.093            | 0.122                     | 0.108<br>0.023           | 0.105<br>0.192           | 0.123                   | 0.233                     | 0.420                     | 0.398                   | 0.069                   | 0.075                   | 0.637<br>0.623          | 0.643                   | 0.529<br>0.472          | 0.691                   | 0.764<br>0.893          |
| LTE B12_Ant3 | NR n66_Ant4         | Bottom Edge<br>Left Edge                    | 10<br>10       |                           | 0.285                     | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.000<br>0.833          | 0.000<br>0.538          | 0.000<br>0.732          | 0.000<br>0.877          | 0.000                   |
|              |                     | Right Edge<br>Front Surface                 | 10<br>10       | 0.115<br>0.062            | 0.479                     | 0.125                    | 0.013<br>0.132           | 0.023<br>0.197          | 0.181                     | 0.159<br>0.106            | 0.325                   | 0.110                   | 0.013<br>0.087          | 0.440<br>0.951          | 0.453<br>0.928          | 0.013<br>0.902          | 0.463<br>1.038          | 0.287<br>0.889          |
| LTE B12 Ant1 | NR n77 Ant2         | Back Surface<br>Top Edge                    | 10<br>10       | 0.102                     | 0.423                     | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247          | 0.233<br>0.027            | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.992<br>0.306          | 0.998<br>0.383          | 0.830<br>0.248          | 1.046<br>0.524          | 1.119<br>0.576          |
|              |                     | Bottom Edge<br>Left Edge                    | 10             | 0.044<br>0.122            | 0.728                     | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.772<br>0.670          | 0.772<br>0.375          | 0.728<br>0.447          | 0.772<br>0.714          | 0.772<br>0.417          |
|              |                     | Right Edge<br>Front Surface                 | 10             | 0.062                     | 0.241                     | 0.125                    | 0.013<br>0.132<br>0.105  | 0.023                   | 0.181                     | 0.159<br>0.106<br>0.420   | 0.325                   | 0.110                   | 0.013                   | 0.566<br>0.849          | 0.579<br>0.826          | 0.254                   | 0.589                   | 0.413                   |
| LTE B12_Ant1 | NR n77_Ant4         | Back Surface Top Edge Bottom Edge           | 10<br>10       | 0.102                     | 0.340<br>0.541            | 0.108                    | 0.105                    | 0.123<br>0.247          | 0.233<br>0.027            | 0.420                     | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.909<br>0.847<br>0.044 | 0.915<br>0.924<br>0.044 | 0.747<br>0.789<br>0.000 | 0.963<br>1.065<br>0.044 | 1.036<br>1.117<br>0.044 |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.122                     | 0.802                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 1.472                   | 1.177                   | 1.249                   | 1.516                   | 1.219                   |
|              |                     | Front Surface<br>Back Surface               | 10             | 0.062<br>0.102            | 0.362                     | 0.125<br>0.108           | 0.132                    | 0.197                   | 0.181                     | 0.106                     | 0.300                   | 0.110                   | 0.087                   | 0.834<br>1.038          | 0.811                   | 0.785<br>0.876          | 0.921                   | 0.772<br>1.165          |
| LTE B12_Ant1 | NR n77_Ant5         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.044                     |                           | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.306<br>0.044          | 0.383<br>0.044          | 0.248<br>0.000          | 0.524<br>0.044          | 0.576<br>0.044          |
|              |                     | Left Edge<br>Right Edge                     | 10<br>10       | 0.122                     | 0.523                     | 0.405                    | 0.013                    | 0.339<br>0.023          | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 1.193<br>0.325          | 0.898<br>0.338          | 0.970<br>0.013          | 1.237<br>0.348          | 0.940<br>0.172          |
|              |                     | Front Surface<br>Back Surface               | 10<br>10       | 0.062<br>0.102            | 0.292<br>0.658            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123          | 0.181<br>0.233            | 0.106<br>0.420            | 0.300<br>0.398          | 0.110                   | 0.087                   | 0.764<br>1.227          | 0.741<br>1.233          | 0.715<br>1.065          | 0.851<br>1.281          | 0.702<br>1.354          |
| LTE B12_Ant1 | NR n77_Ant6         | Top Edge<br>Bottom Edge                     | 10             | 0.044                     | 0.196                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.306<br>0.240          | 0.383<br>0.240          | 0.248<br>0.196          | 0.524<br>0.240          | 0.576<br>0.240          |
|              |                     | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.122                     | 0.286                     | 0.405                    | 0.013<br>0.132           | 0.339<br>0.023<br>0.197 | 0.152                     | 0.159                     | 0.253<br>0.325<br>0.300 | 0.295                   | 0.013                   | 0.956<br>0.325<br>0.980 | 0.661<br>0.338<br>0.957 | 0.733<br>0.013<br>0.902 | 1.000<br>0.348<br>1.067 | 0.703<br>0.172<br>0.918 |
|              |                     | Back Surface<br>Top Edge                    | 10             | 0.048                     | 0.423                     | 0.108                    | 0.105                    | 0.123                   | 0.233                     | 0.420                     | 0.398                   | 0.069                   | 0.075                   | 0.938                   | 0.944                   | 0.830                   | 0.992                   | 1.065                   |
| LTE B12_Ant3 | NR n77_Ant2         | Bottom Edge<br>Left Edge                    | 10             |                           | 0.728                     | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.728<br>0.548          | 0.728<br>0.253          | 0.728                   | 0.728<br>0.592          | 0.728<br>0.295          |
|              |                     | Right Edge<br>Front Surface                 | 10<br>10       | 0.115<br>0.091            | 0.241<br>0.377            | 0.125                    | 0.013<br>0.132           | 0.023<br>0.197          | 0.181                     | 0.159<br>0.106            | 0.325<br>0.300          | 0.110                   | 0.013<br>0.087          | 0.681<br>0.878          | 0.694<br>0.855          | 0.254<br>0.800          | 0.704<br>0.965          | 0.528<br>0.816          |
| LTE B12 Ant3 | NR n77 Ant4         | Back Surface<br>Top Edge                    | 10<br>10       | 0.048<br>0.093            | 0.340<br>0.541            | 0.108<br>0.023           | 0.105<br>0.192           | 0.123<br>0.247          | 0.233<br>0.027            | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.855<br>0.940          | 0.861<br>1.017          | 0.747<br>0.789          | 0.909<br>1.158          | 0.982<br>1.210          |
|              |                     | Bottom Edge<br>Left Edge                    | 10             |                           | 0.802                     | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.000<br>1.350          | 0.000<br>1.055          | 0.000<br>1.249          | 0.000<br>1.394          | 0.000<br>1.097          |
|              |                     | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.115<br>0.091<br>0.048   | 0.362                     | 0.125                    | 0.013<br>0.132<br>0.105  | 0.023<br>0.197<br>0.123 | 0.181                     | 0.159<br>0.106<br>0.420   | 0.325<br>0.300<br>0.398 | 0.110                   | 0.013<br>0.087<br>0.075 | 0.440<br>0.863<br>0.984 | 0.453<br>0.840<br>0.990 | 0.013<br>0.785<br>0.876 | 0.463<br>0.950<br>1.038 | 0.287<br>0.801<br>1.111 |
| LTE B12_Ant3 | NR n77_Ant5         | Top Edge<br>Bottom Edge                     | 10             | 0.093                     | 0.403                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.399                   | 0.476                   | 0.248                   | 0.617                   | 0.669                   |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.115                     | 0.523                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 1.071                   | 0.776<br>0.453          | 0.970                   | 1.115                   | 0.818<br>0.287          |
|              |                     | Front Surface<br>Back Surface               | 10<br>10       | 0.091<br>0.048            | 0.292<br>0.658            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123          | 0.181                     | 0.106<br>0.420            | 0.300<br>0.398          | 0.110                   | 0.087                   | 0.793<br>1.173          | 0.770<br>1.179          | 0.715<br>1.065          | 0.880<br>1.227          | 0.731<br>1.300          |
| LTE B12_Ant3 | NR n77_Ant6         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.093                     | 0.196                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.399<br>0.196          | 0.476<br>0.196          | 0.248<br>0.196          | 0.617<br>0.196          | 0.669<br>0.196          |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.115                     | 0.286                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253                   | 0.295                   | 0.013                   | 0.834                   | 0.539                   | 0.733<br>0.013          | 0.878<br>0.463          | 0.581                   |
|              |                     | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10<br>10 | 0.278                     | 0.227                     | 0.125<br>0.108<br>0.023  | 0.132<br>0.105<br>0.192  | 0.197<br>0.123<br>0.247 | 0.181<br>0.233<br>0.027   | 0.106<br>0.420<br>0.355   | 0.300<br>0.398<br>0.277 | 0.110<br>0.069<br>0.029 | 0.087<br>0.075<br>0.106 | 0.915<br>1.051<br>0.306 | 0.892<br>1.057<br>0.383 | 0.650<br>0.691<br>0.248 | 1.002<br>1.105<br>0.524 | 0.853<br>1.178<br>0.576 |
| LTE B30_Ant2 | NR n2_Ant1          | Bottom Edge<br>Left Edge                    | 10             | 0.310                     | 0.245                     | 0.405                    | 0.192                    | 0.339                   | 0.027                     | 0.300                     | 0.277                   | 0.029                   | 0.700                   | 0.555<br>0.940          | 0.555<br>0.645          | 0.248<br>0.245<br>0.839 | 0.524<br>0.555<br>0.984 | 0.576<br>0.555<br>0.687 |
| -            |                     | Right Edge<br>Front Surface                 | 10             | 0.165<br>0.278            | 0.299                     | 0.125                    | 0.013<br>0.132           | 0.023                   | 0.181                     | 0.159                     | 0.325<br>0.300          | 0.110                   | 0.013                   | 0.490<br>0.987          | 0.503<br>0.964          | 0.013<br>0.722          | 0.513                   | 0.337                   |
| LTE BOO A-10 | ND nee A-14         | Back Surface<br>Top Edge                    | 10<br>10       | 0.300                     | 0.269                     | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247          | 0.233<br>0.027            | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 1.036<br>0.306          | 1.042<br>0.383          | 0.676<br>0.248          | 1.090<br>0.524          | 1.163<br>0.576          |
| LTE B30_Ant2 | NR n66_Ant1         | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.310                     | 0.348<br>0.399            | 0.405                    |                          | 0.339                   | 0.152                     |                           | 0.253                   | 0.295                   |                         | 0.658<br>0.947          | 0.658<br>0.652          | 0.348<br>0.846          | 0.658<br>0.991          | 0.658<br>0.694          |
|              |                     | Right Edge<br>Front Surface                 | 10             | 0.165<br>0.278            | 0.163                     | 0.125                    | 0.013<br>0.132           | 0.023                   | 0.181                     | 0.159                     | 0.325                   | 0.110                   | 0.013                   | 0.490<br>0.851          | 0.503<br>0.828          | 0.013<br>0.586          | 0.513<br>0.938          | 0.337                   |
| LTE B30_Ant2 | NR n5_Ant1          | Back Surface<br>Top Edge                    | 10             | 0.300                     | 0.182                     | 0.108                    | 0.105<br>0.192           | 0.123<br>0.247          | 0.233                     | 0.420<br>0.355            | 0.398<br>0.277          | 0.069                   | 0.075<br>0.106          | 0.949<br>0.306          | 0.955                   | 0.589<br>0.248          | 1.003<br>0.524          | 1.076<br>0.576          |
| _            | -                   | Bottom Edge<br>Left Edge                    | 10             | 0.310                     | 0.108                     | 0.405                    | 0.043                    | 0.339                   | 0.152                     | 0.450                     | 0.253                   | 0.295                   | 0.043                   | 0.418<br>0.767          | 0.418<br>0.472<br>0.503 | 0.108<br>0.666          | 0.418<br>0.811          | 0.418<br>0.514<br>0.337 |
|              |                     | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.165<br>0.278<br>0.300   | 0.364                     | 0.125                    | 0.013<br>0.132<br>0.105  | 0.023<br>0.197<br>0.123 | 0.181                     | 0.159<br>0.106<br>0.420   | 0.325<br>0.300<br>0.398 | 0.110                   | 0.013<br>0.087<br>0.075 | 0.490<br>1.052<br>0.999 | 0.503<br>1.029<br>1.005 | 0.013<br>0.787<br>0.639 | 0.513<br>1.139<br>1.053 | 0.337<br>0.990<br>1.126 |
| LTE B30_Ant2 | NR n5_Ant3          | Top Edge<br>Bottom Edge                     | 10             | 0.310                     | 0.284                     | 0.023                    | 0.192                    | 0.123                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.590<br>0.310          | 0.667                   | 0.532                   | 0.808                   | 0.860                   |
|              |                     | Left Edge<br>Right Edge                     | 10<br>10       | 0.165                     | 0.443                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 0.548<br>0.933          | 0.253<br>0.946          | 0.447                   | 0.592<br>0.956          | 0.295<br>0.780          |
|              |                     | Front Surface<br>Back Surface               | 10<br>10       | 0.226<br>0.148            | 0.163<br>0.182            | 0.125<br>0.108           | 0.132<br>0.105           | 0.197<br>0.123          | 0.181                     | 0.106<br>0.420            | 0.300<br>0.398          | 0.110                   | 0.087<br>0.075          | 0.799<br>0.797          | 0.776<br>0.803          | 0.586<br>0.589          | 0.886<br>0.851          | 0.737<br>0.924          |
| LTE B30_Ant4 | NR n5_Ant1          | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.198                     | 0.108                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.504<br>0.108          | 0.581<br>0.108          | 0.248<br>0.108          | 0.722<br>0.108          | 0.774<br>0.108          |
|              |                     | Left Edge<br>Right Edge                     | 10             | 0.432                     | 0.219                     | 0.405                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.295                   | 0.013                   | 1.199<br>0.325          | 0.904<br>0.338          | 0.666<br>0.013          | 1.243<br>0.348          | 0.946<br>0.172          |
|              |                     | Front Surface<br>Back Surface               | 10             | 0.226                     | 0.364                     | 0.125                    | 0.132                    | 0.197                   | 0.181                     | 0.106<br>0.420            | 0.300                   | 0.110                   | 0.087                   | 1.000<br>0.847          | 0.977<br>0.853          | 0.787                   | 1.087<br>0.901          | 0.938                   |
| LTE B30_Ant4 | NR n5_Ant3          | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.198                     | 0.284                     | 0.023                    | 0.192                    | 0.247                   | 0.027                     | 0.355                     | 0.277                   | 0.029                   | 0.106                   | 0.788<br>0.000<br>0.980 | 0.865<br>0.000          | 0.532<br>0.000<br>0.447 | 1.006<br>0.000          | 1.058<br>0.000<br>0.727 |
|              |                     | Left Edge<br>Right Edge                     | 10             | u.43Z                     | 0.443                     | U.4U5                    | 0.013                    | 0.339                   | 0.152                     | 0.159                     | 0.253<br>0.325          | 0.25                    | 0.013                   | 0.980                   | 0.685<br>0.781          | 0.447                   | 1.024<br>0.791          | 0.727                   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SGS Taiwan Ltd.



Page: 545 of 939

| LTE          | ENDC+ WLAN + Bluet | Exposure P                                  | osition        | 0<br>WWAN<br>1g SAR<br>(W/kg) | 1<br>WWAN<br>1g SAR<br>(W/kg) | 2<br>2.4GHz WLAN<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 3<br>2.4GHz WLAN<br>Ant8(Ch1)<br>1g SAR<br>(W/kg) | 4<br>2.4GHz WLAN<br>Ant7+8<br>1g SAR<br>(W/kg) | 5<br>5GHz WLAN<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 6<br>5GHz WLAN<br>Ant8(Ch1)<br>1g SAR<br>(Wkg) | 7<br>5GHz WLAN<br>Ant7+8<br>1g SAR<br>(W/kg) | 8<br>Bluetooth<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 9<br>Bluetooth<br>Ant8(Ch1)<br>1g SAR<br>(W/kg) | Scenario1<br>0+1+7+8<br>Summed<br>1g SAR(W/kg) | Scenario2<br>0+1+7+9<br>Summed<br>1g SAR(W/kg) | Scenario3<br>0+1+3+5+8<br>Summed<br>1g SAR(W/kg) | Scenario4<br>0+1+4+7<br>Summed<br>1g SAR(W/kg) | Scenario5<br>0+1+3+6+8<br>Summed<br>1g SAR(W/kg) |
|--------------|--------------------|---|----------------|-------------------------------|-------------------------------|---|---|--|---|--|--|---|---|--|--|--|--|--|
|              |                    | Front Surface<br>Back Surface               | 10<br>10       | 0.226<br>0.148                | 0.479<br>0.423                | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197<br>0.123                                 | 0.181<br>0.233                                  | 0.106<br>0.420                                 | 0.300  | 0.110   | 0.087<br>0.075                                  | 1.115<br>1.038                                 | 1.092<br>1.044                                 | 0.902<br>0.830                                   | 1.202<br>1.092                                 | 1.053<br>1.165                                   |
| LTE B30_Ant4 | NR n77_Ant2        | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10       | 0.198                         | 0.728                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.504<br>0.728<br>0.980                        | 0.581<br>0.728<br>0.685                        | 0.248<br>0.728<br>0.447                          | 0.722<br>0.728<br>1.024                        | 0.774<br>0.728<br>0.727                          |
|              |                    | Right Edge<br>Front Surface                 | 10             | 0.226                         | 0.241                         | 0.125   | 0.013<br>0.132                                    | 0.023  | 0.181   | 0.159  | 0.325  | 0.110   | 0.013   | 0.566<br>0.998                                 | 0.579  | 0.254  | 0.589  | 0.413<br>0.936                                   |
| LTE B30 Ant4 | NR n77 Ant5        | Back Surface<br>Top Edge                    | 10<br>10       | 0.148<br>0.198                | 0.469                         | 0.108<br>0.023                                    | 0.105<br>0.192                                    | 0.123<br>0.247                                 | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075<br>0.106                                  | 1.084<br>0.504                                 | 1.090<br>0.581                                 | 0.876<br>0.248                                   | 1.138<br>0.722                                 | 1.211<br>0.774                                   |
|              | = '                | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10<br>10 | 0.432                         | 0.523                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.000<br>1.503<br>0.325                        | 0.000<br>1.208<br>0.338                        | 0.000<br>0.970<br>0.013                          | 0.000<br>1.547<br>0.348                        | 0.000<br>1.250<br>0.172                          |
|              |                    | Front Surface<br>Back Surface               | 10             | 0.226<br>0.148                | 0.292                         | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197<br>0.123                                 | 0.181   | 0.106  | 0.300<br>0.398                               | 0.110   | 0.013   | 0.928<br>1.273                                 | 0.905<br>1.279                                 | 0.715<br>1.065                                   | 1.015  | 0.866  |
| LTE B30_Ant4 | NR n77_Ant6        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.198                         | 0.196                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.504<br>0.196                                 | 0.581<br>0.196                                 | 0.248<br>0.196                                   | 0.722<br>0.196                                 | 0.774<br>0.196                                   |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10       | 0.432                         | 0.286                         | 0.405   | 0.013   | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 1.266<br>0.325<br>1.065                        | 0.971<br>0.338<br>1.042                        | 0.733<br>0.013<br>0.800                          | 1.310<br>0.348<br>1.152                        | 1.013<br>0.172<br>1.003                          |
|              |                    | Back Surface Top Edge                       | 10             | 0.300                         | 0.340                         | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247                        | 0.181   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.087   | 1.107  | 1.042<br>1.113<br>0.924                        | 0.747<br>0.789                                   | 1.161<br>1.065                                 | 1.234  |
| LTE B30_Ant2 | NR n77_Ant4        | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.310                         | 0.802                         | 0.405   |   | 0.339  | 0.152   |  | 0.253  | 0.295   |   | 0.310<br>1.350                                 | 0.310<br>1.055                                 | 0.000<br>1.249                                   | 0.310<br>1.394                                 | 0.310<br>1.097                                   |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.165<br>0.278<br>0.300       | 0.362                         | 0.125<br>0.108                                    | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123                        | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.490<br>1.050<br>1.236                        | 0.503<br>1.027                                 | 0.013<br>0.785<br>0.876                          | 0.513<br>1.137<br>1.290                        | 0.337<br>0.988<br>1.363                          |
| LTE B30_Ant2 | NR n77_Ant5        | Top Edge<br>Bottom Edge                     | 10             | 0.310                         | 0.469                         | 0.108   | 0.105   | 0.123  | 0.027   | 0.355  | 0.398  | 0.029   | 0.106   | 0.306<br>0.310                                 | 1.242<br>0.383<br>0.310                        | 0.876<br>0.248<br>0.000                          | 0.524<br>0.310                                 | 0.576<br>0.310                                   |
|              |                    | Left Edge<br>Right Edge                     | 10<br>10       | 0.165                         | 0.523                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 1.071<br>0.490                                 | 0.776<br>0.503                                 | 0.970<br>0.013                                   | 1.115<br>0.513                                 | 0.818<br>0.337                                   |
|              |                    | Front Surface<br>Back Surface               | 10             | 0.278                         | 0.292                         | 0.125   | 0.132   | 0.197  | 0.181   | 0.106  | 0.300  | 0.110   | 0.087   | 0.980<br>1.425                                 | 0.957<br>1.431                                 | 0.715<br>1.065                                   | 1.067  | 0.918<br>1.552                                   |
| LTE B30_Ant2 | NR n77_Ant6        | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10<br>10 | 0.310                         | 0.196                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>0.506<br>0.834                        | 0.383<br>0.506<br>0.539                        | 0.248<br>0.196<br>0.733                          | 0.524<br>0.506<br>0.878                        | 0.576<br>0.506<br>0.581                          |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10       | 0.165<br>0.242                | 0.299                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                                 | 0.181   | 0.159  | 0.325<br>0.300                               | 0.110   | 0.013<br>0.087                                  | 0.490<br>0.951                                 | 0.503<br>0.928                                 | 0.013<br>0.722                                   | 0.513<br>1.038                                 | 0.337<br>0.889                                   |
| LTE B66_Ant2 | NR n66_Ant1        | Back Surface<br>Top Edge                    | 10             | 0.300                         | 0.269                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                                 | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075<br>0.106                                  | 1.036<br>0.306                                 | 1.042<br>0.383                                 | 0.676<br>0.248                                   | 1.090<br>0.524                                 | 1.163<br>0.576                                   |
|              | _                  | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10<br>10 | 0.476                         | 0.348                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.824<br>0.947<br>0.462                        | 0.824<br>0.652<br>0.475                        | 0.348<br>0.846<br>0.013                          | 0.824<br>0.991<br>0.485                        | 0.824<br>0.694<br>0.309                          |
|              |                    | Front Surface<br>Back Surface               | 10<br>10       | 0.264<br>0.180                | 0.414<br>0.762                | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197<br>0.123                                 | 0.181<br>0.233                                  | 0.106<br>0.420                                 | 0.300<br>0.398                               | 0.110<br>0.069                                  | 0.087   | 1.088<br>1.409                                 | 1.065<br>1.415                                 | 0.837<br>1.169                                   | 1.175<br>1.463                                 | 1.026<br>1.536                                   |
| LTE B66_Ant1 | NR n41_Ant2        | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10<br>10 | 0.285<br>0.342                | 1.018                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>1.303<br>0.890                        | 0.383<br>1.303<br>0.595                        | 0.248<br>1.018<br>0.447                          | 0.524<br>1.303<br>0.934                        | 0.576<br>1.303<br>0.637                          |
|              |                    | Right Edge<br>Front Surface                 | 10             | 0.242                         | 0.410                         | 0.125   | 0.013<br>0.132                                    | 0.023  | 0.181   | 0.159  | 0.325  | 0.110   | 0.013   | 0.735<br>0.815                                 | 0.748  | 0.423  | 0.758  | 0.582  |
| LTE B66_Ant2 | NR n5_Ant1         | Back Surface<br>Top Edge                    | 10<br>10       | 0.300                         | 0.182                         | 0.108<br>0.023                                    | 0.105<br>0.192                                    | 0.123<br>0.247                                 | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075<br>0.106                                  | 0.949<br>0.306                                 | 0.955<br>0.383                                 | 0.589<br>0.248                                   | 1.003<br>0.524                                 | 1.076<br>0.576                                   |
|              |                    | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10       | 0.476                         | 0.108                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.584<br>0.767<br>0.462                        | 0.584<br>0.472<br>0.475                        | 0.108<br>0.666<br>0.013                          | 0.584<br>0.811<br>0.485                        | 0.584<br>0.514<br>0.309                          |
|              |                    | Front Surface<br>Back Surface               | 10             | 0.242                         | 0.364                         | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197  | 0.181   | 0.106  | 0.300<br>0.398                               | 0.110   | 0.013   | 1.016  | 0.993<br>1.005                                 | 0.787  | 1.103  | 0.954<br>1.126                                   |
| LTE B66_Ant2 | NR n5_Ant3         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.476                         | 0.284                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.590<br>0.476                                 | 0.667<br>0.476                                 | 0.532<br>0.000                                   | 0.808<br>0.476                                 | 0.860<br>0.476                                   |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10<br>10 | 0.137<br>0.181                | 0.443                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.548<br>0.905<br>0.754                        | 0.253<br>0.918<br>0.731                        | 0.447<br>0.456<br>0.586                          | 0.592<br>0.928<br>0.841                        | 0.295<br>0.752<br>0.692                          |
| LTE B66 Ant4 | NR n5_Ant1         | Back Surface<br>Top Edge                    | 10<br>10       | 0.126<br>0.216                | 0.182                         | 0.108<br>0.023                                    | 0.105<br>0.192                                    | 0.123<br>0.247                                 | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075<br>0.106                                  | 0.775<br>0.522                                 | 0.781<br>0.599                                 | 0.589<br>0.248                                   | 0.829<br>0.740                                 | 0.902<br>0.792                                   |
| LTE BOO ANIA | NR IID_AILI        | Bottom Edge<br>Left Edge                    | 10<br>10<br>10 | 0.259                         | 0.108<br>0.219                | 0.405   | 0.010   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.108<br>1.026<br>0.325                        | 0.108<br>0.731<br>0.338                        | 0.108<br>0.666<br>0.013                          | 0.108<br>1.070<br>0.348                        | 0.108<br>0.773<br>0.172                          |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10             | 0.181                         | 0.364                         | 0.125   | 0.013<br>0.132<br>0.105                           | 0.197  | 0.181   | 0.106  | 0.300  | 0.110   | 0.013   | 0.955<br>0.825                                 | 0.932<br>0.831                                 | 0.787  | 1.042  | 0.893<br>0.952                                   |
| LTE B66_Ant4 | NR n5_Ant3         | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.216                         | 0.284                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.806  | 0.883<br>0.000                                 | 0.532<br>0.000                                   | 1.024<br>0.000                                 | 1.076<br>0.000                                   |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10       | 0.259                         | 0.443                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.807<br>0.768<br>0.716                        | 0.512<br>0.781<br>0.693                        | 0.447<br>0.456<br>0.487                          | 0.851<br>0.791<br>0.803                        | 0.554<br>0.615<br>0.654                          |
| LTE B66 Ant2 | NR n71 Ant1        | Back Surface<br>Top Edge                    | 10<br>10       | 0.300                         | 0.082                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                                 | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075<br>0.106                                  | 0.849<br>0.306                                 | 0.855<br>0.383                                 | 0.489<br>0.248                                   | 0.903<br>0.524                                 | 0.976<br>0.576                                   |
| 212 000 7412 | NICH LAND          | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10<br>10 | 0.476                         | 0.059<br>0.152                | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.535<br>0.700<br>0.462                        | 0.535<br>0.405<br>0.475                        | 0.059<br>0.599<br>0.013                          | 0.535<br>0.744<br>0.485                        | 0.535<br>0.447<br>0.309                          |
|              |                    | Front Surface<br>Back Surface               | 10             | 0.242                         | 0.046                         | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197  | 0.181   | 0.106  | 0.300  | 0.110   | 0.087   | 0.698  | 0.675<br>0.796                                 | 0.469  | 0.785  | 0.636<br>0.917                                   |
| LTE B66_Ant2 | NR n71_Ant3        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.476                         | 0.066                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.372<br>0.476                                 | 0.449<br>0.476                                 | 0.314  | 0.590<br>0.476                                 | 0.642<br>0.476                                   |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10<br>10 | 0.137<br>0.181                | 0.117                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013<br>0.087                                  | 0.548<br>0.579<br>0.655                        | 0.253<br>0.592<br>0.632                        | 0.447<br>0.130<br>0.487                          | 0.592<br>0.602<br>0.742                        | 0.295<br>0.426<br>0.593                          |
|              |                    | Back Surface<br>Top Edge                    | 10             | 0.126                         | 0.082                         | 0.108   | 0.105<br>0.192                                    | 0.123  | 0.233   | 0.420  | 0.398<br>0.277                               | 0.069   | 0.075   | 0.675<br>0.522                                 | 0.681<br>0.599                                 | 0.489  | 0.742  | 0.802<br>0.792                                   |
| LTE B66_Ant4 | NR n71_Ant1        | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.259                         | 0.059<br>0.152                | 0.405   |   | 0.339  | 0.152   |  | 0.253  | 0.295   |   | 0.059<br>0.959                                 | 0.059<br>0.664                                 | 0.059<br>0.599                                   | 0.059<br>1.003                                 | 0.059  |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10<br>10       | 0.181<br>0.126                | 0.046                         | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123                        | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.325<br>0.637<br>0.616                        | 0.338<br>0.614<br>0.622                        | 0.013<br>0.469<br>0.430                          | 0.348<br>0.724<br>0.670                        | 0.172<br>0.575<br>0.743                          |
| LTE B66_Ant4 | NR n71_Ant3        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.216                         | 0.066                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.588  | 0.665<br>0.000                                 | 0.314  | 0.806  | 0.858  |
|              |                    | Right Edge<br>Front Surface                 | 10<br>10<br>10 | 0.259                         | 0.117                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.807<br>0.442<br>1.070                        | 0.512<br>0.455<br>1.047                        | 0.447<br>0.130<br>0.902                          | 0.851<br>0.465<br>1.157                        | 0.554<br>0.289<br>1.008                          |
|              | NR n77 Ant2        | Back Surface<br>Top Edge                    | 10             | 0.126                         | 0.423                         | 0.108   | 0.105<br>0.192                                    | 0.123  | 0.233   | 0.420  | 0.398  | 0.069   | 0.075   | 1.016  | 1.022  | 0.830<br>0.248                                   | 1.070  | 1.143  |
| LTE B66_Ant4 | NK n//_Ant2        | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.259                         | 0.728                         | 0.405   |   | 0.339  | 0.152   |  | 0.253  | 0.295   |   | 0.728<br>0.807                                 | 0.728<br>0.512                                 | 0.728<br>0.447                                   | 0.728<br>0.851                                 | 0.728<br>0.554                                   |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.181<br>0.126                | 0.241<br>0.362<br>0.469       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123                        | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.566<br>0.953<br>1.062                        | 0.579<br>0.930<br>1.068                        | 0.254<br>0.785<br>0.876                          | 0.589<br>1.040<br>1.116                        | 0.413<br>0.891<br>1.189                          |
| LTE B66_AnM  | NR n77_Ant5        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.216                         |                               | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.522<br>0.000                                 | 0.599<br>0.000                                 | 0.248<br>0.000                                   | 0.740<br>0.000                                 | 0.792<br>0.000                                   |
|              |                    | Left Edge<br>Right Edge                     | 10             | 0.259                         | 0.523                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 1.330<br>0.325                                 | 1.035<br>0.338                                 | 0.970<br>0.013                                   | 1.374<br>0.348                                 | 1.077<br>0.172                                   |
|              |                    | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10<br>10 | 0.181<br>0.126<br>0.216       | 0.292                         | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247                        | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.883<br>1.251<br>0.522                        | 0.860<br>1.257<br>0.599                        | 0.715<br>1.065<br>0.248                          | 0.970<br>1.305<br>0.740                        | 0.821<br>1.378<br>0.792                          |
| LTE B66_Ant4 | NR n77_Ant6        | Bottom Edge<br>Left Edge                    | 10             | 0.259                         | 0.196<br>0.286                | 0.405   |   | 0.339  | 0.152   |  | 0.253  | 0.295   |   | 0.196<br>1.093                                 | 0.196<br>0.798                                 | 0.196<br>0.733                                   | 0.196<br>1.137                                 | 0.196<br>0.840                                   |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.242                         | 0.377                         | 0.125<br>0.108                                    | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123                        | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.325<br>1.029<br>1.107                        | 0.338<br>1.006<br>1.113                        | 0.013<br>0.800<br>0.747                          | 0.348<br>1.116<br>1.161                        | 0.172<br>0.967<br>1.234                          |
| LTE B66_Ant2 | NR n77_Ant4        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.476                         | 0.541                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.847<br>0.476                                 | 0.924<br>0.476                                 | 0.789  | 1.065<br>0.476                                 | 1.117<br>0.476                                   |
|              |                    | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.137<br>0.242                | 0.802                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197                        | 0.152   | 0.159  | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 1.350<br>0.462<br>1.014                        | 1.055<br>0.475<br>0.991                        | 1.249<br>0.013<br>0.785                          | 1.394<br>0.485<br>1.101                        | 1.097<br>0.309<br>0.952                          |
| LTE B66_Ant2 | NR n77_Ant5        | Back Surface<br>Top Edge                    | 10<br>10       | 0.300                         | 0.469                         | 0.108   | 0.105<br>0.192                                    | 0.123  | 0.233   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 1.236<br>0.306                                 | 1.242<br>0.383                                 | 0.876<br>0.248                                   | 1.290<br>0.524                                 | 1.363<br>0.576                                   |
| ETE DOD MILE | NS.1/1_99103       | Bottom Edge<br>Left Edge                    | 10             | 0.476                         | 0.523                         | 0.405   | 0.013   | 0.339  | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.476<br>1.071<br>0.462                        | 0.476<br>0.776<br>0.475                        | 0.000<br>0.970<br>0.013                          | 0.476<br>1.115<br>0.485                        | 0.476<br>0.818<br>0.309                          |
|              |                    | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.137<br>0.242<br>0.300       | 0.292                         | 0.125<br>0.108                                    | 0.132<br>0.105                                    | 0.197<br>0.123                                 | 0.181   | 0.106<br>0.420                                 | 0.300<br>0.398                               | 0.110   | 0.087<br>0.075                                  | 0.944<br>1.425                                 | 0.921<br>1.431                                 | 0.715<br>1.065                                   | 1.031  | 0.882<br>1.552                                   |
| LTE B66_Ant2 | NR n77_Ant6        | Top Edge<br>Bottom Edge                     | 10<br>10       | 0.476                         | 0.196                         | 0.023   | 0.192   | 0.247  | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>0.672                                 | 0.383<br>0.672                                 | 0.248<br>0.196                                   | 0.524<br>0.672                                 | 0.576<br>0.672                                   |
|              |                    | Left Edge<br>Right Edge                     | 10<br>10       | 0.137                         | 0.286                         | 0.405   | 0.013   | 0.339<br>0.023                                 | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.834<br>0.462                                 | 0.539<br>0.475                                 | 0.733<br>0.013                                   | 0.878<br>0.485                                 | 0.581  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 546 of 939

### LTE Inter band Active

| LTE          | LTE Inter band+ WLAN + E | Exposure P                                  | osition        | 0<br>WWAN<br>1g SAR<br>(Wkg) | 1<br>WWAN<br>1g SAR<br>(W/kg) | 2<br>2.4GHz WLAN<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 3<br>2.4GHz WLAN<br>Ant8(Ch1)<br>1g SAR<br>(W/kg) | 4 2.4GHz WLAN Ant7+8 1g SAR (W/kg) | 5<br>5GHz WLAN<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 6<br>5GHz WLAN<br>Ant8(Ch1)<br>1g SAR<br>(Wkg) | 7<br>5GHz WLAN<br>Ant7+8<br>1g SAR<br>(W/kg) | 8<br>Bluetooth<br>Ant7(Ch0)<br>1g SAR<br>(W/kg) | 9<br>Bluetooth<br>Ant8(Ch1)<br>1g SAR<br>(W/ks) | Scenario1<br>0+1+7+8<br>Summed<br>1g SAR(W/kg) | Scenario2<br>0+1+7+9<br>Summed<br>1g SAR(W/kg) | Scenario3<br>0+1+3+5+8<br>Summed<br>1g SAR(W/kg) | Scenario4<br>0+1+4+7<br>Summed<br>1g SAR(W/kg) | Scenarios<br>0+1+3+6+8<br>Summed<br>1g SAR(W/kg) |
|--------------|--------------------------|---|----------------|------------------------------|-------------------------------|---|---|------------------------------------|---|--|--|---|---|--|--|--|--|--|
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10<br>10 | 0.290<br>0.255               | 0.248<br>0.182                | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.948<br>0.904<br>0.306                        | 0.925<br>0.910<br>0.383                        | 0.671<br>0.589<br>0.248                          | 1.035<br>0.958<br>0.524                        | 0.886<br>1.031<br>0.576                          |
| LTE B2_Ant2  | LTE B4_Ant1              | Bottom Edge<br>Left Edge                    | 10             | 0.539                        | 0.277                         | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.816  | 0.816<br>0.572                                 | 0.277<br>0.766                                   | 0.816<br>0.911                                 | 0.816<br>0.614                                   |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.174<br>0.290<br>0.255      | 0.078                         | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181<br>0.233                                  | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.499<br>0.778<br>0.848                        | 0.512<br>0.755<br>0.854                        | 0.013<br>0.501<br>0.533                          | 0.522<br>0.865<br>0.902                        | 0.346<br>0.716<br>0.975                          |
| LTE B2_Ant2  | LTE B5_Ant1              | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10       | 0.539                        | 0.060                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>0.599<br>0.702                        | 0.383<br>0.599<br>0.407                        | 0.248<br>0.060<br>0.601                          | 0.524<br>0.599<br>0.746                        | 0.576<br>0.599<br>0.449                          |
|              |                          | Right Edge<br>Front Surface                 | 10<br>10       | 0.174<br>0.290               | 0.314                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                     | 0.181   | 0.159<br>0.106                                 | 0.325<br>0.300                               | 0.110   | 0.013   | 0.499<br>1.014                                 | 0.512<br>0.991                                 | 0.013<br>0.737                                   | 0.522<br>1.101                                 | 0.346<br>0.962                                   |
| LTE B2_Ant2  | LTE B5_Ant3              | Back Surface Top Edge Bottom Edge           | 10<br>10<br>10 | 0.255                        | 0.178<br>0.283                | 0.108   | 0.105   | 0.123                              | 0.233   | 0.420<br>0.355                                 | 0.398  | 0.069   | 0.075   | 0.900<br>0.589<br>0.539                        | 0.906<br>0.666<br>0.539                        | 0.585<br>0.531<br>0.000                          | 0.954<br>0.807<br>0.539                        | 1.027<br>0.859<br>0.539                          |
|              |                          | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.174<br>0.219               | 0.378                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197            | 0.152   | 0.159<br>0.106                                 | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.548<br>0.877<br>0.707                        | 0.253<br>0.890<br>0.684                        | 0.447<br>0.391<br>0.501                          | 0.592<br>0.900<br>0.794                        | 0.295<br>0.724<br>0.645                          |
| LTE B2 Ant4  | LTE B5 Ant1              | Back Surface<br>Top Edge                    | 10             | 0.168<br>0.251               | 0.126                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398  | 0.069   | 0.075   | 0.761<br>0.557                                 | 0.767<br>0.634                                 | 0.533<br>0.248                                   | 0.815<br>0.775                                 | 0.888<br>0.827                                   |
| -            | _                        | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10       | 0.317                        | 0.060                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.060<br>1.019<br>0.325                        | 0.060<br>0.724<br>0.338                        | 0.060<br>0.601<br>0.013                          | 0.060<br>1.063<br>0.348                        | 0.060<br>0.766<br>0.172                          |
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10<br>10 | 0.219<br>0.168<br>0.251      | 0.314<br>0.178<br>0.283       | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.105<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.943<br>0.813<br>0.840                        | 0.920<br>0.819<br>0.917                        | 0.737<br>0.585<br>0.531                          | 1.030<br>0.867<br>1.058                        | 0.881<br>0.940<br>1.110                          |
| LTE B2_Ant4  | LTE B5_Ant3              | Bottom Edge<br>Left Edge                    | 10             | 0.317                        |                               | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.290<br>0.255               | 0.378<br>0.062<br>0.102       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.703<br>0.762<br>0.824                        | 0.716<br>0.739<br>0.830                        | 0.391<br>0.485<br>0.509                          | 0.726<br>0.849<br>0.878                        | 0.550<br>0.700<br>0.961                          |
| LTE B2_Ant2  | LTE B12_Ant1             | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10       | 0.539                        | 0.044                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>0.583<br>0.670                        | 0.383<br>0.583<br>0.375                        | 0.248<br>0.044<br>0.569                          | 0.524<br>0.583<br>0.714                        | 0.576<br>0.583<br>0.417                          |
|              |                          | Right Edge<br>Front Surface                 | 10<br>10       | 0.174<br>0.290               | 0.091                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                     | 0.181   | 0.159<br>0.106                                 | 0.325<br>0.300                               | 0.110   | 0.013<br>0.087                                  | 0.499  | 0.512<br>0.768                                 | 0.013<br>0.514                                   | 0.522<br>0.878                                 | 0.346<br>0.729                                   |
| LTE B2_Ant2  | LTE B12_Ant3             | Back Surface Top Edge Bottom Edge           | 10<br>10<br>10 | 0.255                        | 0.048                         | 0.108   | 0.105   | 0.123                              | 0.233   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 0.770<br>0.399<br>0.539                        | 0.776<br>0.476<br>0.539                        | 0.455<br>0.341<br>0.000                          | 0.824<br>0.617<br>0.539                        | 0.897<br>0.669<br>0.539                          |
|              |                          | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.174<br>0.219               | 0.115<br>0.062                | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197            | 0.152   | 0.159<br>0.106                                 | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.548<br>0.614<br>0.691                        | 0.253<br>0.627<br>0.668                        | 0.447<br>0.128<br>0.485                          | 0.592<br>0.637<br>0.778                        | 0.295<br>0.461<br>0.629                          |
| LTE B2 Ant4  | LTE B12 Ant1             | Back Surface<br>Top Edge                    | 10<br>10       | 0.219<br>0.168<br>0.251      | 0.102                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 0.737  | 0.743<br>0.634                                 | 0.509<br>0.248                                   | 0.791<br>0.775                                 | 0.864<br>0.827                                   |
|              |                          | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10       | 0.317                        | 0.044                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.044<br>0.987<br>0.325                        | 0.044<br>0.692<br>0.338                        | 0.044<br>0.569<br>0.013                          | 0.044<br>1.031<br>0.348                        | 0.044<br>0.734<br>0.172                          |
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10       | 0.219<br>0.168<br>0.251      | 0.091<br>0.048<br>0.093       | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398                               | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.720<br>0.683<br>0.650                        | 0.697<br>0.689<br>0.727                        | 0.514<br>0.455<br>0.341                          | 0.807<br>0.737<br>0.868                        | 0.658<br>0.810<br>0.920                          |
| LTE B2_Ant4  | LTE B12_Ant3             | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.251                        |                               | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.000  | 0.000  | 0.000  | 0.000  | 0.000<br>0.612                                   |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.290<br>0.255               | 0.115<br>0.031<br>0.032       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.440<br>0.731<br>0.754                        | 0.453<br>0.708<br>0.760                        | 0.128<br>0.454<br>0.439                          | 0.463<br>0.818<br>0.808                        | 0.287<br>0.669<br>0.881                          |
| LTE B2_Ant2  | LTE B30_Ant1             | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10       | 0.539                        | 0.026                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.306<br>0.565<br>0.586                        | 0.383<br>0.565<br>0.291                        | 0.248<br>0.026<br>0.485                          | 0.524<br>0.565<br>0.630                        | 0.576<br>0.565<br>0.333                          |
|              |                          | Right Edge<br>Front Surface                 | 10<br>10       | 0.174<br>0.290               | 0.264                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                     | 0.181   | 0.159<br>0.106                                 | 0.325<br>0.300                               | 0.110   | 0.013<br>0.087                                  | 0.499<br>0.964                                 | 0.512<br>0.941                                 | 0.013<br>0.687                                   | 0.522<br>1.051                                 | 0.346<br>0.902                                   |
| LTE B2_Ant2  | LTE B66_Ant1             | Back Surface Top Edge Bottom Edge           | 10<br>10<br>10 | 0.255                        | 0.180                         | 0.108   | 0.105   | 0.123                              | 0.233   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 0.902<br>0.306<br>0.824                        | 0.908<br>0.383<br>0.824                        | 0.587<br>0.248<br>0.285                          | 0.966<br>0.524<br>0.824                        | 1.029<br>0.576<br>0.824                          |
|              |                          | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.174<br>0.390               | 0.342                         | 0.405   | 0.013   | 0.339<br>0.023<br>0.197            | 0.152   | 0.159<br>0.106                                 | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.890<br>0.499<br>0.862                        | 0.595<br>0.512<br>0.839                        | 0.789<br>0.013<br>0.485                          | 0.934<br>0.522<br>0.949                        | 0.637<br>0.346<br>0.800                          |
| LTE B4 Ant2  | LTE B12 Ant1             | Back Surface<br>Top Edge                    | 10             | 0.420                        | 0.102                         | 0.108<br>0.023                                    | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233   | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 0.989  | 0.995<br>0.383                                 | 0.509<br>0.248                                   | 1.043<br>0.524                                 | 1.116<br>0.576                                   |
|              |                          | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10<br>10 | 0.686                        | 0.044                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.730<br>0.670<br>0.486                        | 0.730<br>0.375<br>0.499                        | 0.044<br>0.569<br>0.013                          | 0.730<br>0.714<br>0.509                        | 0.730<br>0.417<br>0.333                          |
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10       | 0.390<br>0.420               | 0.091<br>0.048<br>0.093       | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.891<br>0.935<br>0.399                        | 0.868<br>0.941<br>0.476                        | 0.514<br>0.455<br>0.341                          | 0.978<br>0.989<br>0.617                        | 0.829<br>1.062<br>0.669                          |
| LTE B4_Ant2  | LTE B12_Ant3             | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.686                        |                               | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.686<br>0.548                                 | 0.686<br>0.253                                 | 0.000<br>0.447                                   | 0.686<br>0.592                                 | 0.686<br>0.295                                   |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10       | 0.161<br>0.166<br>0.126      | 0.115<br>0.062<br>0.102       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.601<br>0.638<br>0.695                        | 0.614<br>0.615<br>0.701                        | 0.128<br>0.485<br>0.509                          | 0.624<br>0.725<br>0.749                        | 0.448<br>0.576<br>0.822                          |
| LTE B4_Ant4  | LTE B12_Ant1             | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10<br>10 | 0.203                        | 0.044                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.509<br>0.044<br>0.904                        | 0.586<br>0.044<br>0.609                        | 0.248<br>0.044<br>0.569                          | 0.727<br>0.044<br>0.948                        | 0.779<br>0.044<br>0.651                          |
|              |                          | Right Edge<br>Front Surface                 | 10<br>10       | 0.166                        | 0.091                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                     | 0.181   | 0.159<br>0.106                                 | 0.325<br>0.300                               | 0.110   | 0.013<br>0.087                                  | 0.325<br>0.667                                 | 0.338<br>0.644                                 | 0.013<br>0.514                                   | 0.348<br>0.754                                 | 0.172<br>0.605                                   |
| LTE B4_Ant4  | LTE B12_Ant3             | Back Surface Top Edge Bottom Edge           | 10<br>10       | 0.126<br>0.203               | 0.048                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398  | 0.069   | 0.075   | 0.641<br>0.602<br>0.000                        | 0.647<br>0.679<br>0.000                        | 0.455<br>0.341<br>0.000                          | 0.695<br>0.820<br>0.000                        | 0.768<br>0.872<br>0.000                          |
|              |                          | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.234                        | 0.115                         | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197            | 0.152   | 0.159<br>0.106                                 | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.782<br>0.440<br>0.831                        | 0.487<br>0.453<br>0.808                        | 0.447<br>0.128<br>0.454                          | 0.826<br>0.463<br>0.918                        | 0.529<br>0.287<br>0.769                          |
| LTE B4 Ant2  | LTE B30 Ant1             | Back Surface<br>Top Edge                    | 10             | 0.420                        | 0.032                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398  | 0.069   | 0.075   | 0.919  | 0.925<br>0.383                                 | 0.439<br>0.248                                   | 0.973<br>0.524                                 | 1.046<br>0.576                                   |
|              |                          | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10       | 0.686                        | 0.026                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.712<br>0.586<br>0.486                        | 0.712<br>0.291<br>0.499                        | 0.026<br>0.485<br>0.013                          | 0.712<br>0.630<br>0.509                        | 0.712<br>0.333<br>0.333                          |
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10       | 0.078<br>0.126               | 0.278                         | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.766<br>0.893<br>0.306                        | 0.743<br>0.899<br>0.383                        | 0.701<br>0.707<br>0.248                          | 0.853<br>0.947<br>0.524                        | 0.704<br>1.020<br>0.576                          |
| LTE B5_Ant1  | LTE B30_Ant2             | Bottom Edge<br>Left Edge                    | 10<br>10       | 0.060<br>0.154               | 0.310                         | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.370<br>0.702                                 | 0.370<br>0.407                                 | 0.310<br>0.447                                   | 0.370<br>0.746                                 | 0.370<br>0.449                                   |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10       | 0.078                        | 0.165<br>0.226<br>0.148       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181   | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.490<br>0.714<br>0.741                        | 0.503<br>0.691<br>0.747                        | 0.178<br>0.649<br>0.555                          | 0.513<br>0.801<br>0.795                        | 0.337<br>0.652<br>0.868                          |
| LTE B5_Ant1  | LTE B30_Ant4             | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10<br>10 | 0.060<br>0.154               | 0.198                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.504<br>0.060<br>1.134                        | 0.581<br>0.060<br>0.839                        | 0.446<br>0.000<br>0.879                          | 0.722<br>0.060<br>1.178                        | 0.774<br>0.060<br>0.881                          |
|              |                          | Right Edge<br>Front Surface                 | 10             | 0.314                        | 0.278                         | 0.125   | 0.013<br>0.132                                    | 0.023<br>0.197                     | 0.181   | 0.159<br>0.106                                 | 0.325<br>0.300                               | 0.110   | 0.013<br>0.087                                  | 0.325<br>1.002                                 | 0.338  | 0.013<br>0.701                                   | 0.348<br>1.089                                 | 0.172<br>0.940                                   |
| LTE B5_Ant3  | LTE B30_Ant2             | Back Surface Top Edge Bottom Edge           | 10<br>10<br>10 | 0.178<br>0.283               | 0.300                         | 0.108   | 0.105<br>0.192                                    | 0.123<br>0.247                     | 0.233<br>0.027                                  | 0.420<br>0.355                                 | 0.398<br>0.277                               | 0.069   | 0.075   | 0.945<br>0.589<br>0.310                        | 0.951<br>0.666<br>0.310                        | 0.707<br>0.248<br>0.310                          | 0.999<br>0.807<br>0.310                        | 1.072<br>0.859<br>0.310                          |
|              |                          | Left Edge<br>Right Edge<br>Front Surface    | 10<br>10<br>10 | 0.378<br>0.314               | 0.165<br>0.226                | 0.405   | 0.013<br>0.132                                    | 0.339<br>0.023<br>0.197            | 0.152   | 0.159<br>0.106                                 | 0.253<br>0.325<br>0.300                      | 0.295   | 0.013   | 0.548<br>0.868<br>0.950                        | 0.253<br>0.881<br>0.927                        | 0.447<br>0.178<br>0.649                          | 0.592<br>0.891<br>1.037                        | 0.295<br>0.715<br>0.888                          |
| LTE B5_Ant3  | LTE B30_Ant4             | Back Surface<br>Top Edge                    | 10             | 0.178<br>0.283               | 0.148<br>0.198                | 0.108   | 0.105   | 0.123<br>0.247                     | 0.233   | 0.420<br>0.355                                 | 0.398  | 0.069   | 0.075   | 0.793<br>0.787                                 | 0.799<br>0.864                                 | 0.555<br>0.446                                   | 0.847<br>1.005                                 | 0.920<br>1.057                                   |
|              |                          | Bottom Edge<br>Left Edge<br>Right Edge      | 10<br>10<br>10 | 0.378                        | 0.432                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253<br>0.325                               | 0.295   | 0.013   | 0.000<br>0.980<br>0.703                        | 0.000<br>0.685<br>0.716                        | 0.000<br>0.879<br>0.013                          | 0.000<br>1.024<br>0.726                        | 0.000<br>0.727<br>0.550                          |
|              |                          | Front Surface<br>Back Surface<br>Top Edge   | 10<br>10       | 0.062                        | 0.278                         | 0.125<br>0.108<br>0.023                           | 0.132<br>0.105<br>0.192                           | 0.197<br>0.123<br>0.247            | 0.181<br>0.233<br>0.027                         | 0.106<br>0.420<br>0.355                        | 0.300<br>0.398<br>0.277                      | 0.110<br>0.069<br>0.029                         | 0.087<br>0.075<br>0.106                         | 0.750<br>0.869<br>0.306                        | 0.727<br>0.875<br>0.383                        | 0.701<br>0.707<br>0.248                          | 0.837<br>0.923<br>0.524                        | 0.688<br>0.996<br>0.576                          |
| LTE B12_Ant1 | LTE B30_Ant2             | Bottom Edge<br>Left Edge                    | 10             | 0.044<br>0.122               | 0.310                         | 0.405   |   | 0.339                              | 0.152   |  | 0.253  | 0.295   |   | 0.354<br>0.670                                 | 0.354<br>0.375                                 | 0.310<br>0.447                                   | 0.354<br>0.714                                 | 0.354<br>0.417                                   |
|              |                          | Right Edge<br>Front Surface<br>Back Surface | 10<br>10<br>10 | 0.062<br>0.102               | 0.165<br>0.226<br>0.148       | 0.125   | 0.013<br>0.132<br>0.105                           | 0.023<br>0.197<br>0.123            | 0.181<br>0.233                                  | 0.159<br>0.106<br>0.420                        | 0.325<br>0.300<br>0.398                      | 0.110   | 0.013<br>0.087<br>0.075                         | 0.490<br>0.698<br>0.717                        | 0.503<br>0.675<br>0.723                        | 0.178<br>0.649<br>0.555                          | 0.513<br>0.785<br>0.771                        | 0.337<br>0.636<br>0.844                          |
| LTE B12_Ant1 | LTE B30_Ans4             | Top Edge<br>Bottom Edge<br>Left Edge        | 10<br>10<br>10 | 0.044<br>0.122               | 0.198                         | 0.023   | 0.192   | 0.247                              | 0.027   | 0.355  | 0.277  | 0.029   | 0.106   | 0.504<br>0.044<br>1.102                        | 0.581<br>0.044<br>0.807                        | 0.446<br>0.000<br>0.879                          | 0.722<br>0.044<br>1.146                        | 0.774<br>0.044<br>0.849                          |
|              |                          | Left Edge<br>Right Edge                     | 10             | 0.122                        | 0.432                         | 0.405   | 0.013   | 0.339                              | 0.152   | 0.159  | 0.253  | U-285   | 0.013   | 1.102<br>0.325                                 | 0.807  | 0.879  | 1.146<br>0.348                                 | 0.849  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Page: 547 of 939

|              | LTE Inter band+ WLAN + B | luetooth      |        |                  |                  |                          |                          | Report                | ed SAR                 |                        |                     |                        |                        | Scenario1    | Scenario2    | Scenario3    | Scenario4    | Scenario5    |
|--------------|--------------------------|---------------|--------|------------------|------------------|--------------------------|--------------------------|-----------------------|------------------------|------------------------|---------------------|------------------------|------------------------|--------------|--------------|--------------|--------------|--------------|
|              |                          |               |        | 0                | - 1              | 2                        | 3                        | 4                     | 5                      | 6                      | 7                   | 8                      | 9                      | 0+1+7+8      | 0+1+7+9      | 0+1+3+5+8    | 0+1+4+7      | 0+1+3+6+8    |
| LTE          | LTE                      | Exposure Po   | sition | WWAN             | WWAN             | 2.4GHz WLAN<br>Ant7(Ch0) | 2.4GHz WLAN<br>Ant8(Ch1) | 2.4GHz WLAN<br>Ant7+8 | 5GHz WLAN<br>Ant7(Ch0) | 5GHz WLAN<br>Ant8(Ch1) | 5GHz WLAN<br>Ant7+8 | Bluetooth<br>Ant7(Ch0) | Bluetooth<br>Ant8(Ch1) | Summed       | Summed       | Summed       | Summed       | Summed       |
|              |                          |               |        | 1g SAR<br>(W/kg) | 1g SAR<br>(W/kg) | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)         | 1g SAR<br>(W/kg)      | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)    | 1g SAR<br>(W/kg)       | 1g SAR<br>(W/kg)       | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) | 1g SAR(W/kg) |
|              |                          | Front Surface | 10     | 0.091            | 0.278            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.779        | 0.756        | 0.701        | 0.866        | 0.717        |
|              |                          | Back Surface  | 10     | 0.048            | 0.300            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.815        | 0.821        | 0.707        | 0.869        | 0.942        |
| LTE B12 Ant3 | LTE B30 Ant2             | Top Edge      | 10     | 0.093            |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.399        | 0.476        | 0.248        | 0.617        | 0.669        |
| LIE BIZ_MIG  | LIE BJU_AGIZ             | Bottom Edge   | 10     |                  | 0.310            |                          |                          |                       |                        |                        |                     |                        |                        | 0.310        | 0.310        | 0.310        | 0.310        | 0.310        |
|              |                          | Left Edge     | 10     |                  |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.548        | 0.253        | 0.447        | 0.592        | 0.295        |
|              |                          | Right Edge    | 10     | 0.115            | 0.165            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.605        | 0.618        | 0.178        | 0.628        | 0.452        |
|              |                          | Front Surface | 10     | 0.091            | 0.226            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.727        | 0.704        | 0.649        | 0.814        | 0.665        |
|              |                          | Back Surface  | 10     | 0.048            | 0.148            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.663        | 0.669        | 0.555        | 0.717        | 0.790        |
| LTE B12 Ant3 | LTE B30 Ant4             | Top Edge      | 10     | 0.093            | 0.198            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.597        | 0.674        | 0.446        | 0.815        | 0.867        |
| ETE DIZ_PUID | ETE DOO_NIN              | Bottom Edge   | 10     |                  |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
|              |                          | Left Edge     | 10     |                  | 0.432            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.980        | 0.685        | 0.879        | 1.024        | 0.727        |
|              |                          | Right Edge    | 10     | 0.115            |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.440        | 0.453        | 0.013        | 0.463        | 0.287        |
|              |                          | Front Surface | 10     | 0.062            | 0.242            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.714        | 0.691        | 0.665        | 0.801        | 0.652        |
|              |                          | Back Surface  | 10     | 0.102            | 0.300            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.869        | 0.875        | 0.707        | 0.923        | 0.996        |
| LTE B12 Ant1 | LTE B66 Ant2             | Top Edge      | 10     |                  |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.306        | 0.383        | 0.248        | 0.524        | 0.576        |
| LIE BIZ_MILI | LIE BOO_AVIIZ            | Bottom Edge   | 10     | 0.044            | 0.476            |                          |                          |                       |                        |                        |                     |                        |                        | 0.520        | 0.520        | 0.476        | 0.520        | 0.520        |
|              |                          | Left Edge     | 10     | 0.122            |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.670        | 0.375        | 0.447        | 0.714        | 0.417        |
|              |                          | Right Edge    | 10     |                  | 0.137            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.462        | 0.475        | 0.150        | 0.485        | 0.309        |
|              |                          | Front Surface | 10     | 0.062            | 0.181            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.653        | 0.630        | 0.604        | 0.740        | 0.591        |
|              |                          | Back Surface  | 10     | 0.102            | 0.126            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.695        | 0.701        | 0.533        | 0.749        | 0.822        |
| LTE B12 Ant1 | LTE B66 Ant4             | Top Edge      | 10     |                  | 0.216            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.522        | 0.599        | 0.464        | 0.740        | 0.792        |
|              |                          | Bottom Edge   | 10     | 0.044            |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.044        | 0.044        | 0.000        | 0.044        | 0.044        |
|              |                          | Left Edge     | 10     | 0.122            | 0.259            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.929        | 0.634        | 0.706        | 0.973        | 0.676        |
|              |                          | Right Edge    | 10     |                  |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.325        | 0.338        | 0.013        | 0.348        | 0.172        |
|              |                          | Front Surface | 10     | 0.091            | 0.242            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.743        | 0.720        | 0.665        | 0.830        | 0.681        |
|              |                          | Back Surface  | 10     | 0.048            | 0.300            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.815        | 0.821        | 0.707        | 0.869        | 0.942        |
| LTE B12 Ant3 | LTE B66 Ant2             | Top Edge      | 10     | 0.093            |                  | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.399        | 0.476        | 0.248        | 0.617        | 0.669        |
| ETE DIZ_MID  | ETE DOO_NIIL             | Bottom Edge   | 10     |                  | 0.476            |                          |                          |                       |                        |                        |                     |                        |                        | 0.476        | 0.476        | 0.476        | 0.476        | 0.476        |
|              |                          | Left Edge     | 10     |                  |                  | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.548        | 0.253        | 0.447        | 0.592        | 0.295        |
|              |                          | Right Edge    | 10     | 0.115            | 0.137            |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.577        | 0.590        | 0.150        | 0.600        | 0.424        |
|              |                          | Front Surface | 10     | 0.091            | 0.181            | 0.125                    | 0.132                    | 0.197                 | 0.181                  | 0.106                  | 0.300               | 0.110                  | 0.087                  | 0.682        | 0.659        | 0.604        | 0.769        | 0.620        |
|              |                          | Back Surface  | 10     | 0.048            | 0.126            | 0.108                    | 0.105                    | 0.123                 | 0.233                  | 0.420                  | 0.398               | 0.069                  | 0.075                  | 0.641        | 0.647        | 0.533        | 0.695        | 0.768        |
| LTE B12 Ant3 | LTE B66 Ant4             | Top Edge      | 10     | 0.093            | 0.216            | 0.023                    | 0.192                    | 0.247                 | 0.027                  | 0.355                  | 0.277               | 0.029                  | 0.106                  | 0.615        | 0.692        | 0.464        | 0.833        | 0.885        |
|              | 2.2.200_74114            | Bottom Edge   | 10     |                  |                  |                          |                          |                       |                        |                        |                     |                        |                        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
|              |                          | Left Edge     | 10     |                  | 0.259            | 0.405                    |                          | 0.339                 | 0.152                  |                        | 0.253               | 0.295                  |                        | 0.807        | 0.512        | 0.706        | 0.851        | 0.554        |
|              |                          | Right Edge    | 10     | 0.115            |                  |                          | 0.013                    | 0.023                 |                        | 0.159                  | 0.325               |                        | 0.013                  | 0.440        | 0.453        | 0.013        | 0.463        | 0.287        |

#### 9.4 Conclusion

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

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Page: 548 of 939

# **10 INSTRUMENTS LIST**

|              |                                 | Equi                         | pment List    |                          |                          |
|--------------|---------------------------------|------------------------------|---------------|--------------------------|--------------------------|
| Manufacturer | Device                          | Туре                         | Serial number | Date of last calibration | Date of next calibration |
| SPEAG        | Data acquisition<br>Electronics | DAE4                         | 558           | Nov/07/2022              | Nov/06/2023              |
| SPEAG        | Dosimetric E-Field<br>Probe     | EX3DV4                       | 7642          | Feb/20/2023              | Feb/19/2024              |
| SPEAG        | System Validation<br>Dipole     | D750V3                       | 1015          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation<br>Dipole     | D835V2                       | 4d063         | Sep/26/2022              | Sep/25/2023              |
| SPEAG        | System Validation<br>Dipole     | D1750V2                      | 1008          | Sep/27/2022              | Sep/26/2023              |
| SPEAG        | System Validation<br>Dipole     | D1900V2                      | 5d173         | Apr/26/2023              | Apr/25/2024              |
| SPEAG        | System Validation<br>Dipole     | D2300V2                      | 1023          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation<br>Dipole     | D2600V2                      | 1005          | Jan/11/2023              | Jan/10/2024              |
| SPEAG        | System Validation<br>Dipole     | D3500V2                      | 1009          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation<br>Dipole     | D3700V2                      | 1057          | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | System Validation<br>Dipole     | D3900V2                      | 1032          | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | Dielectric<br>Assessment Kit    | DAKS-3.5                     | 1053          | Feb/27/2023              | Feb/26/2024              |
| R&S          | MXG Analog Signal<br>Generator  | SMB100A03                    | 182012        | May/23/2023              | May/22/2024              |
| Agilent      | Dual-directional coupler        | 772D                         | MY46151258    | Oct/03/2022              | Oct/02/2023              |
| Agilent      | Dual-directional coupler        | 778D                         | MY46151242    | Aug/30/2022              | Aug/29/2023              |
| EMCI         | Amplifier                       | EMC 074225P                  | 980155        | Calibration not required | Calibration no required  |
| R&S          | Power Meter                     | NRX                          | 105651        | Nov/25/2022              | Nov/24/2023              |
| R&S          | Power Sensor                    | NRP6A                        | 104246        | Nov/22/2022              | Nov/21/2023              |
| R&S          | Power Sensor                    | NRP6A                        | 104247        | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | Software                        | DASY 52<br>V52.10.4.152<br>7 | N/A           | Calibration not required | Calibration no           |
| SPEAG        | Phantom                         | SAM                          | N/A           | Calibration not required | Calibration no           |
| R&S          | Radio<br>Communication<br>Test  | CMW 500                      | 125470        | May/18/2023              | May/17/2024              |
| TECPEL       | Digital<br>thermometer          | DTM-303A                     | TP130074      | Apr/28/2023              | Apr/27/2024              |

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Page: 549 of 939

|              |  | Equi      | pment List    |                          |                          |
|--------------|--|-----------|---------------|--------------------------|--------------------------|
| Manufacturer | Device   | Туре      | Serial number | Date of last calibration | Date of next calibration |
| SPEAG        | Data acquisition<br>Electronics                | DAE4      | 1260          | Sep/22/2022              | Sep/21/2023              |
| SPEAG        | Dosimetric E-Field<br>Probe                    | EX3DV4    | 7509          | Apr/26/2023              | Apr/25/2024              |
| SPEAG        | E-field Probe for<br>Near Field<br>Application | EUmmWV4   | 9616          | Mar/20/2023              | Mar/19/2024              |
| SPEAG        | System Validation<br>Dipole                    | D750V3    | 1015          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation<br>Dipole                    | D835V2    | 4d063         | Sep/26/2022              | Sep/25/2023              |
| SPEAG        | System Validation Dipole                       | D1750V2   | 1008          | Sep/27/2022              | Sep/26/2023              |
| SPEAG        | System Validation Dipole                       | D1900V2   | 5d173         | Apr/26/2023              | Apr/25/2024              |
| SPEAG        | System Validation Dipole                       | D2300V2   | 1023          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation Dipole                       | D2600V2   | 1005          | Jan/11/2023              | Jan/10/2024              |
| SPEAG        | System Validation Dipole                       | D3500V2   | 1009          | Oct/09/2022              | Oct/08/2023              |
| SPEAG        | System Validation Dipole                       | D3700V2   | 1057          | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | System Validation Dipole                       | D3900V2   | 1032          | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | System Validation Dipole                       | D2450V2   | 727           | Apr/25/2023              | Apr/24/2024              |
| SPEAG        | System Validation<br>Dipole                    | D5GHzV2   | 1349          | Mar/20/2023              | Mar/19/2024              |
| SPEAG        | System Validation<br>Dipole                    | D6.5GHzV2 | 1006          | Aug/23/2022              | Aug/22/2023              |
| SPEAG        | System Validation<br>Dipole                    | D7GHzV2   | 1007          | Aug/24/2022              | Aug/23/2023              |

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Page: 550 of 939

|              |                                | Equi                          | pment List    |                          |                          |
|--------------|--------------------------------|-------------------------------|---------------|--------------------------|--------------------------|
| Manufacturer | Device                         | Туре                          | Serial number | Date of last calibration | Date of next calibration |
| SPEAG        | Dielectric<br>Assessment Kit   | DAKS-3.5                      | 1053          | Feb/27/2023              | Feb/26/2024              |
| R&S          | MXG Analog Signal<br>Generator | SMB100A03                     | 182012        | May/23/2023              | May/22/2024              |
| Agilent      | Dual-directional coupler       | 772D                          | MY46151258    | Oct/03/2022              | Oct/02/2023              |
| EMCI         | Amplifier                      | EMC 074225P                   | 980155        | Calibration not required | Calibration not required |
| EMCI         | Amplifier                      | EMC 2830P                     | 980156        | Calibration not required | Calibration not required |
| R&S          | Power Meter                    | NRX                           | 105651        | Nov/25/2022              | Nov/24/2023              |
| R&S          | Power Sensor                   | NRP6A                         | 104246        | Nov/22/2022              | Nov/21/2023              |
| R&S          | Power Sensor                   | NRP6A                         | 104247        | Nov/22/2022              | Nov/21/2023              |
| SPEAG        | Software                       | DASY 6<br>V16.0.2.136         | N/A           | Calibration not required | Calibration not required |
| SPEAG        | Software                       | DASY 52<br>V52.10.4.152<br>7  | N/A           | Calibration not required | Calibration not required |
| SPEAG        | Software                       | DASY 6<br>mmWave<br>V2.4.2.62 | N/A           | Calibration not required | Calibration not required |
| SPEAG        | Phantom                        | SAM                           | N/A           | Calibration not required | Calibration not required |
| SPEAG        | Phantom                        | mmWave<br>Phantom             | N/A           | Calibration not required | Calibration not required |
| Anritsu      | Radio<br>Communication<br>Test | MT8820C                       | 6201061014    | Aug/19/2022              | Aug/18/2023              |
| R&S          | Radio<br>Communication<br>Test | CMW 500                       | 125470        | May/18/2023              | May/17/2024              |
| TECPEL       | Digital<br>thermometer         | DTM-303A                      | TP131515      | Jun/02/2023              | Jun/01/2024              |

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Page: 551 of 939

# 11 UNCERTAINTY BUDGET

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

| A   | С     | D                          | е   |           | f       | g        | h=c * f / e             | i=c * g / e             | k           |
|---|-------|----------------------------|-----|-----------|---------|----------|-------------------------|-------------------------|-------------|
| Source of Uncertainty                             |       | Probability<br>Distributio | Div | Div Value | ci (1g) | ci (10g) | Standard<br>uncertainty | Standard<br>uncertainty | vi, or Veff |
| Measurement system                                |       |                            |     |           |         |          |                         |                         |             |
| Probe calibration                                 | 6.55% | N                          | 1   | 1         | 1       | 1        | 6.55%                   | 6.55%                   | 00          |
| Isotropy , Axial                                  | 3.50% | R                          | √3  | 1.732     | 1       | 1        | 2.02%                   | 2.02%                   | 80          |
| Isotropy, Hemispherical                           | 9.60% | R                          | √3  | 1.732     | 1       | 1        | 5.54%                   | 5.54%                   | 00          |
| Modulation Response                               | 2.40% | R                          | √3  | 1.732     | 1       | 1        | 1.40%                   | 1.40%                   | 8           |
| Boundary Effect                                   | 1.00% | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | 00          |
| Linearity   | 4.70% | R                          | √3  | 1.732     | 1       | 1        | 2.71%                   | 2.71%                   | 8           |
| Detection Limits                                  | 1.00% | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | 80          |
| Readout Electronics                               | 0.30% | N                          | 1   | 1         | 1       | 1        | 0.30%                   | 0.30%                   | 00          |
| Response time                                     | 0.80% | R                          | √3  | 1.732     | 1       | 1        | 0.46%                   | 0.46%                   | 00          |
| Integration Time                                  | 2.60% | R                          | √3  | 1.732     | 1       | 1        | 1.50%                   | 1.50%                   | 00          |
| Measurement drift (class A evaluation)            | 1.75% | R                          | √3  | 1.732     | 1       | 1        | 1.01%                   | 1.01%                   | 00          |
| RF ambient condition -<br>noise                   | 3.00% | R                          | √3  | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | 00          |
| RF ambient conditions - reflections               | 3.00% | R                          | √3  | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | 00          |
| Probe positioner Mechanical restrictions          | 0.40% | R                          | √3  | 1.732     | 1       | 1        | 0.23%                   | 0.23%                   | 00          |
| Probe Positioning with respect to phantom shell   | 2.90% | R                          | √3  | 1.732     | 1       | 1        | 1.67%                   | 1.67%                   | 00          |
| Post-processing                                   | 1.00% | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | 00          |
| Max SAR Eval                                      | 1.00% | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | 8           |
| Test Sample related                               |       |                            |     |           |         |          |                         |                         |             |
| Test sample positioning                           | 2.90% | N                          | 1   | 1         | 1       | 1        | 2.90%                   | 2.90%                   | M-1         |
| Device Holder Uncertainty                         | 3.60% | N                          | 1   | 1         | 1       | 1        | 3.60%                   | 3.60%                   | M-1         |
| Drift of output power                             | 5.00% | R                          | √3  | 1.732     | 1       | 1        | 2.89%                   | 2.89%                   | 00          |
| Phantom and Setup                                 |       |                            |     |           |         |          |                         |                         |             |
| Phantom Uncertainty                               | 4.00% | R                          | √3  | 1.732     | 1       | 1        | 2.31%                   | 2.31%                   | 00          |
| Liquid permittivity (mea.)                        | 4.39% | N                          | 1   | 1         | 0.64    | 0.43     | 2.81%                   | 1.89%                   | М           |
| Liquid Conductivity (mea.)                        | 3.98% | N                          | 1   | 1         | 0.6     | 0.49     | 2.39%                   | 1.95%                   | М           |
| Combined standard uncertainty                     |       | RSS                        |     |           |         |          | 12.28%                  | 12.02%                  |             |
| Expant uncertainty (95% confidence interval), K=2 |       |                            |     |           |         |          | 24.57%                  | 24.03%                  |             |

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Page: 552 of 939

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

| A   | С                         | D                          | е   |           | f    | g        | h=c * f / e             | i=c * g / e             | k           |
|---|---------------------------|----------------------------|-----|-----------|------|----------|-------------------------|-------------------------|-------------|
| Source of Uncertainty                             | Tolerance/<br>Uncertainty | Probability<br>Distributio | Div | Div Value |      | ci (10g) | Standard<br>uncertainty | Standard<br>uncertainty | vi, or Veff |
| Measurement system                                |                           |                            |     |           |      |          |                         |                         |             |
| Probe calibration                                 | 6.00%                     | N                          | 1   | 1         | 1    | 1        | 6.00%                   | 6.00%                   | 8           |
| Isotropy , Axial                                  | 3.50%                     | R                          | √3  | 1.732     | 1    | 1        | 2.02%                   | 2.02%                   | ∞           |
| Isotropy, Hemispherical                           | 9.60%                     | R                          | √3  | 1.732     | 1    | 1        | 5.54%                   | 5.54%                   | ∞           |
| Modulation Response                               | 2.40%                     | R                          | √3  | 1.732     | 1    | 1        | 1.40%                   | 1.40%                   | 8           |
| Boundary Effect                                   | 1.00%                     | R                          | √3  | 1.732     | 1    | 1        | 0.58%                   | 0.58%                   | 8           |
| Linearity   | 4.70%                     | R                          | √3  | 1.732     | 1    | 1        | 2.71%                   | 2.71%                   | 8           |
| Detection Limits                                  | 1.00%                     | R                          | √3  | 1.732     | 1    | 1        | 0.58%                   | 0.58%                   | 8           |
| Readout Electronics                               | 0.30%                     | N                          | 1   | 1         | 1    | 1        | 0.30%                   | 0.30%                   | ∞           |
| Response time                                     | 0.80%                     | R                          | √3  | 1.732     | 1    | 1        | 0.46%                   | 0.46%                   | 8           |
| Integration Time                                  | 2.60%                     | R                          | √3  | 1.732     | 1    | 1        | 1.50%                   | 1.50%                   | 8           |
| Measurement drift (class A evaluation)            | 1.75%                     | R                          | √3  | 1.732     | 1    | 1        | 1.01%                   | 1.01%                   | ∞           |
| RF ambient condition - noise                      | 3.00%                     | R                          | √3  | 1.732     | 1    | 1        | 1.73%                   | 1.73%                   | ∞           |
| RF ambient conditions - reflections               | 3.00%                     | R                          | √3  | 1.732     | 1    | 1        | 1.73%                   | 1.73%                   | ∞           |
| Probe positioner Mechanical restrictions          | 0.40%                     | R                          | √3  | 1.732     | 1    | 1        | 0.23%                   | 0.23%                   | ∞           |
| Probe Positioning with respect to phantom shell   | 2.90%                     | R                          | √3  | 1.732     | 1    | 1        | 1.67%                   | 1.67%                   | ∞           |
| Post-processing                                   | 1.00%                     | R                          | √3  | 1.732     | 1    | 1        | 0.58%                   | 0.58%                   | 8           |
| Max SAR Eval                                      | 1.00%                     | R                          | √3  | 1.732     | 1    | 1        | 0.58%                   | 0.58%                   | ∞           |
| Test Sample related                               |                           |                            |     |           |      |          |                         |                         |             |
| Test sample positioning                           | 2.90%                     | N                          | 1   | 1         | 1    | 1        | 2.90%                   | 2.90%                   | M-1         |
| Device Holder Uncertainty                         | 3.60%                     | N                          | 1   | 1         | 1    | 1        | 3.60%                   | 3.60%                   | M-1         |
| Drift of output power                             | 5.00%                     | R                          | √3  | 1.732     | 1    | 1        | 2.89%                   | 2.89%                   | 8           |
| Phantom and Setup                                 |                           |                            |     |           |      |          |                         |                         |             |
| Phantom Uncertainty                               | 4.00%                     | R                          | √3  | 1.732     | 1    | 1        | 2.31%                   | 2.31%                   | 8           |
| Liquid permittivity (mea.)                        | 3.49%                     | N                          | 1   | 1         | 0.64 | 0.43     | 2.23%                   | 1.50%                   | М           |
| Liquid Conductivity (mea.)                        | 4.64%                     | N                          | 1   | 1         | 0.6  | 0.49     | 2.78%                   | 2.27%                   | М           |
| Combined standard uncertainty                     |                           | RSS                        |     |           |      |          | 11.96%                  | 11.73%                  |             |
| Expant uncertainty (95% confidence interval), K=2 |                           |                            |     |           |      |          | 23.93%                  | 23.46%                  |             |

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Page: 553 of 939

# **DASY6 Uncertainty Budget** According to IEC/IEEE 62209-1528 (Frequency band: 6GHz - 10GHz range)

|  | 7 •                       | 1                            |      |            |            |             | ··· <u>3</u> -/               |                                |
|--|---------------------------|------------------------------|------|------------|------------|-------------|-------------------------------|--------------------------------|
| а  | b                         | С                            | d    |            | е          | е           | f=b * e / d                   | f=b * e / d                    |
| Source of Uncertainty                                    | Uncertainty<br>Value (±%) | Probability<br>Distributioin | Div. | Div. Value | (ci)<br>1g | (ci)<br>10g | Std. uncertainty<br>(1g) (±%) | Std. uncertainty<br>(10g) (±%) |
| Measurement system errors                                |                           |                              |      |            |            |             |                               |                                |
| Probe calibration  | 18.6                      | N                            | 2    | 2          | 1          | 1           | 9.3                           | 9.3                            |
| Probe Calibration Drift                                  | 1.7                       | R                            | √3   | 1.732      | 1          | 1           | 1.0                           | 1.0                            |
| Probe Linearity  | 4.7                       | R                            | √3   | 1.732      | 1          | 1           | 2.7                           | 2.7                            |
| Broadband Signal   | 2.8                       | R                            | √3   | 1.732      | 1          | 1           | 1.6                           | 1.6                            |
| Probe Isotropy   | 7.6                       | R                            | √3   | 1.732      | 1          | 1           | 4.4                           | 4.4                            |
| Data Acquisition   | 0.3                       | N                            | 1    | 1          | 1          | 1           | 0.3                           | 0.3                            |
| RF Ambient   | 1.8                       | N                            | 1    | 1          | 1          | 1           | 1.8                           | 1.8                            |
| Probe positioning  | 0.2                       | N                            | 1    | 1          | 0.67       | 0.67        | 0.1                           | 0.1                            |
| Data Processing  | 3.5                       | N                            | 1    | 1          | 1          | 1           | 3.5                           | 3.5                            |
| Phantom and device errors                                |                           |                              | •    | •          |            |             |                               | •                              |
| Conductivity (meas.)DAK                                  | 2.5                       | N                            | 1    | 1          | 0.78       | 0.71        | 2.0                           | 1.8                            |
| Conductivity (temp.)BB                                   | 2.4                       | R                            | √3   | 1.732      | 0.78       | 0.71        | 1.1                           | 1.0                            |
| Phantom Permittivity                                     | 14.0                      | R                            | √3   | 1.732      | 0.5        | 0.5         | 4.0                           | 4.0                            |
| Distance DUT - TSL                                       | 2.0                       | N                            | 1    | 1          | 2          | 2           | 4.0                           | 4.0                            |
| Device Positioning (±0.5mm)                              | 1.0                       | N                            | 1    | 1          | 1          | 1           | 1.0                           | 1.0                            |
| Device Holder  | 3.6                       | N                            | 1    | 1          | 1          | 1           | 3.6                           | 3.6                            |
| DUT Modulationm  | 2.4                       | R                            | √3   | 1.732      | 1          | 1           | 1.4                           | 1.4                            |
| Time-average SAR   | 0.0                       | R                            | √3   | 1.732      | 1          | 1           | 0.0                           | 0.0                            |
| DUT drift  | 2.5                       | N                            | 1    | 1          | 1          | 1           | 2.5                           | 2.5                            |
| Val Antenna Unc.   | 0.0                       | N                            | 1    | 1          | 1          | 1           | 0.0                           | 0.0                            |
| Unc. Input Power   | 0.0                       | N                            | 1    | 1          | 1          | 1           | 0.0                           | 0.0                            |
| Correction to the SAR results                            |                           |                              |      |            |            |             |                               | •                              |
| Deviation to Target                                      | 1.90                      | N                            | 1    | 1          | 1          | 0.84        | 1.9                           | 1.6                            |
| SAR scaling  |                           | R                            | √3   | 1.732      | 1          | 1           | 0.0                           | 0.0                            |
| Combined Std. uncertainty                                |                           |                              |      |            |            |             | 14.0                          | 13.9                           |
| Expanded Std. uncertainty (95% confidence interval), K=2 |                           |                              |      |            |            |             | 28.0                          | 27.8                           |
|  |                           |                              |      |            |            |             |                               |                                |

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Page: 554 of 939

# cDASY6 Module mmWave Uncertainty Budget for PD Evaluation Distances to the Antennas ≧λ/ 5 In Compliance with IEC/IEEE 63195

| а  | b                           | С                            | d    |            | е  | f=b * e / d                | g            |
|--|-----------------------------|------------------------------|------|------------|----|----------------------------|--------------|
| Source of Uncertainty                                    | Uncertainty<br>Value (+-dB) | Probability<br>Distributioin | Div. | Div. Value | ci | Std. uncertainty<br>(+-dB) | (vi)<br>Veff |
| Uncertainty terms dependent on th                        | e measurement               | system                       |      |            |    |                            |              |
| Probe calibration  | 0.49                        | N                            | 1    | 1          | 1  | 0.49                       | œ            |
| Probe correction   | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | 00           |
| Frequency response (BW ≦1GHz)                            | 0.20                        | R                            | √3   | 1.732      | 1  | 0.12                       | œ            |
| Sensor cross coupling                                    | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | 00           |
| Isotropy   | 0.50                        | R                            | √3   | 1.732      | 1  | 0.29                       | œ            |
| Linearity  | 0.20                        | R                            | √3   | 1.732      | 1  | 0.12                       | œ            |
| Probe scattering   | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Probe positioning offset                                 | 0.30                        | R                            | √3   | 1.732      | 1  | 0.17                       | œ            |
| Probe positioning repeatability                          | 0.04                        | R                            | √3   | 1.732      | 1  | 0.02                       | œ            |
| Sensor mechanical offset                                 | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Probe spatial resolution                                 | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | ∞            |
| Field impedance dependance                               | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | ∞            |
| Amplitude and phase drift                                | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | ∞            |
| Amplitude and phase noise                                | 0.04                        | R                            | √3   | 1.732      | 1  | 0.02                       | ∞            |
| Measurement area truncation                              | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | ∞            |
| Data acquisition   | 0.03                        | N                            | 1    | 1          | 1  | 0.03                       | 00           |
| Sampling   | 0.00                        | R                            | √3   | 1          | 1  | 0.00                       | œ            |
| Field reconstruction                                     | 2.00                        | R                            | √3   | 1.732      | 1  | 1.15                       | ∞            |
| Forward transformation                                   | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Power density scaling                                    | -                           | R                            | √3   | 1.732      | 1  | -                          | œ            |
| Spatial averaging  | 0.10                        | R                            | √3   | 1.732      | 1  | 0.06                       | ∞            |
| System detection limit                                   | 0.04                        | R                            | √3   | 1.732      | 1  | 0.02                       | œ            |
| Uncertainty terms dependent on th                        | e DUT and envir             | onmental facto               | ors  |            |    |                            |              |
| Probe coupling with DUT                                  | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Modulation response                                      | 0.40                        | R                            | √3   | 1.732      | 1  | 0.23                       | 00           |
| Integration time   | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Response time  | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Device holder influence                                  | 0.10                        | R                            | √3   | 1.732      | 1  | 0.06                       | œ            |
| DUT alignment  | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | 00           |
| RF ambient conditions                                    | 0.04                        | R                            | √3   | 1.732      | 1  | 0.02                       | œ            |
| Ambient reflections                                      | 0.04                        | R                            | √3   | 1.732      | 1  | 0.02                       | 00           |
| Immunity / secondary reception                           | 0.00                        | R                            | √3   | 1.732      | 1  | 0.00                       | œ            |
| Drift of the DUT   | -                           | R                            | √3   | 1.732      | 1  | -                          | œ            |
| Combined Std. uncertainty                                |                             |                              |      |            |    | 1.33                       |              |
| Expanded Std. uncertainty (95% confidence interval), K=2 |                             |                              |      |            |    | 2.67                       |              |

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Page: 555 of 939

# 12 SAR MEASUREMENT RESULTS

Date: 2023/5/18

ID: 001

Report No.: TESA2305000259ES

GSM 850\_Head\_Left Touch\_CH 190\_Ant1

Communication System: GSM; Frequency: 836.6 MHz; Duty cycle= 1:8.3

Medium parameters used: f = 837 MHz;  $\sigma = 0.908 \text{ S/m}$ ;  $\varepsilon_r = 41.751$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 836.6 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0973 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.005 V/m; Power Drift = -0.19 dB

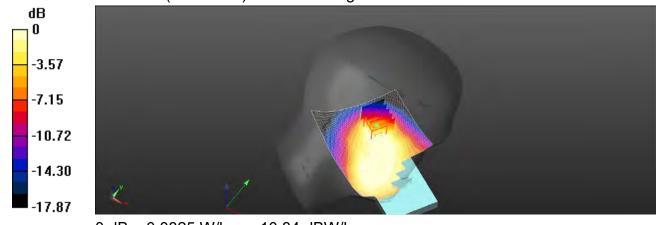
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.7%

Maximum value of SAR (measured) = 0.0825 W/kg



0 dB = 0.0825 W/kg = -10.84 dBW/kg

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Page: 556 of 939

Date: 2023/5/18

ID: 002

Report No.: TESA2305000259ES

WCDMA Band V Head Left Touch CH 4183 Ant1

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.908 S/m;  $\varepsilon_r$  = 41.751;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(9.51, 9.16, 10) @ 836.6 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.184 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.629 V/m; Power Drift = -0.11 dB

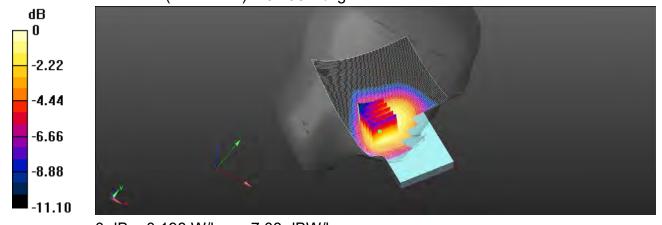
Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 q) = 0.177 W/kq; SAR(10 q) = 0.134 W/kq

Smallest distance from peaks to all points 3 dB below = 18.9 mm

Ratio of SAR at M2 to SAR at M1 = 80%

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

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Page: 557 of 939

Date: 2023/5/24

ID: 003

Report No.: TESA2305000259ES

GSM1900 Head Right Touch CH 661 Ant2

Communication System: GSM; Frequency: 1880 MHz; Duty cycle= 1:8.3

Medium parameters used: f = 1880 MHz;  $\sigma = 1.432 \text{ S/m}$ ;  $\epsilon_r = 40.591$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0287 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.058 V/m; Power Drift = 0.17 dB

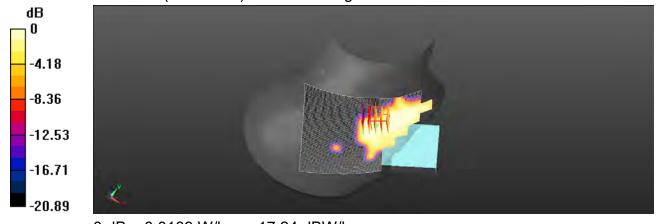
Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00841 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 0.0189 W/kg



0 dB = 0.0189 W/kg = -17.24 dBW/kg

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Page: 558 of 939

Date: 2023/5/24

ID: 004

Report No.: TESA2305000259ES

WCDMA Band II Head Right Touch CH 9400 Ant2

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.432 \text{ S/m}$ ;  $\epsilon_r = 40.591$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.300 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.967 V/m; Power Drift = 0.15 dB

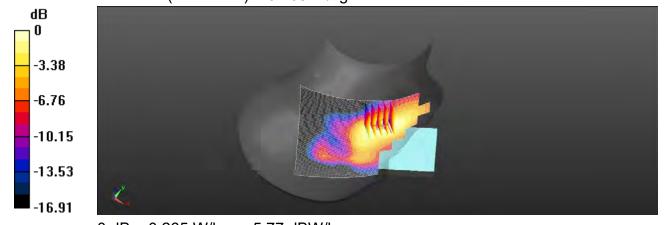
Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 q) = 0.214 W/kq; SAR(10 q) = 0.136 W/kq

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

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Page: 559 of 939

Date: 2023/5/21

ID: 005

Report No.: TESA2305000259ES

WCDMA Band IV Head Right Touch CH 1312 Ant2

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.328 S/m;  $\varepsilon_r$  = 40.656;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1712.4 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.159 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.339 V/m; Power Drift = 0.19 dB

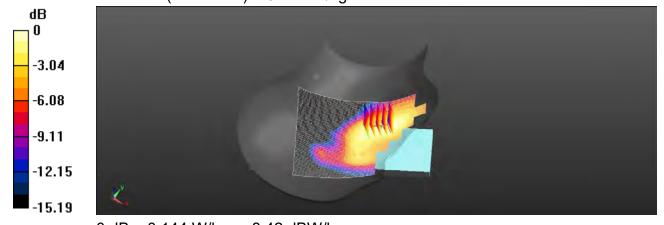
Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 q) = 0.116 W/kq; SAR(10 q) = 0.076 W/kq

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 71%

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

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Page: 560 of 939

Date: 2023/5/19

ID: 006

Report No.: TESA2305000259ES

GSM850 Head Left Touch CH 190 Ant3

Communication System: GSM; Frequency: 836.6 MHz; Duty cycle= 1:8.3

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.931 S/m;  $\varepsilon_r$  = 42.461;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 836.6 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = 0.11 dB

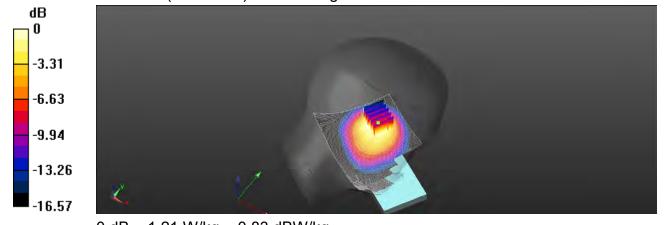
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.501 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.1%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

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SGS Taiwan Ltd.



Page: 561 of 939

Date: 2023/5/19

ID: 007

Report No.: TESA2305000259ES

WCDMA Band V Head Left Touch CH 4183 Ant3

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.931 S/m;  $\varepsilon_r$  = 42.461;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 836.6 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.21 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.53 V/m; Power Drift = -0.15 dB

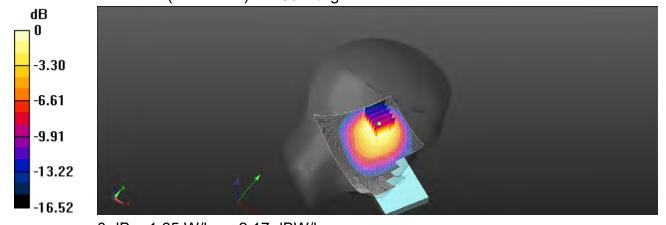
Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.682 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

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Page: 562 of 939

Date: 2023/5/25

ID: 008

Report No.: TESA2305000259ES

GSM1900 Head Right Touch CH 661 Ant4

Communication System: GSM; Frequency: 1880 MHz; Duty cycle= 1:8.3

Medium parameters used: f = 1880 MHz;  $\sigma = 1.441 \text{ S/m}$ ;  $\epsilon_r = 40.881$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.32 V/m; Power Drift = -0.11 dB

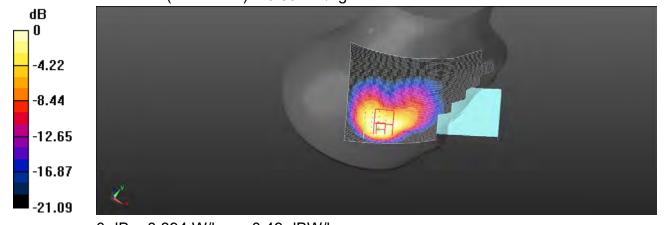
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 q) = 0.598 W/kq; SAR(10 q) = 0.301 W/kq

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.894 W/kg = -0.49 dBW/kg

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SGS Taiwan Ltd.



Page: 563 of 939

Date: 2023/5/25

ID: 009

Report No.: TESA2305000259ES

WCDMA Band II Head Right Touch CH 9400 Ant4

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.441 \text{ S/m}$ ;  $\epsilon_r = 40.881$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.96 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.35 V/m; Power Drift = -0.05 dB

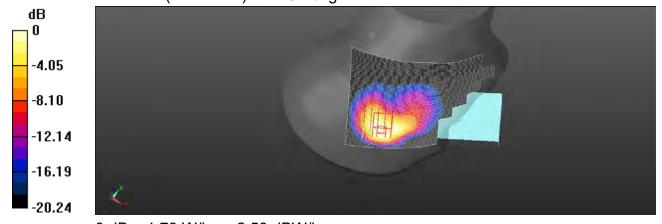
Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.600 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

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Page: 564 of 939

Date: 2023/5/22

ID: 010

Report No.: TESA2305000259ES

WCDMA Band VI Head Right Touch CH 1312 Ant4

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.365 S/m;  $\varepsilon_r$  = 40.956;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

## DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1712.4 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.67 V/m; Power Drift = 0.18 dB

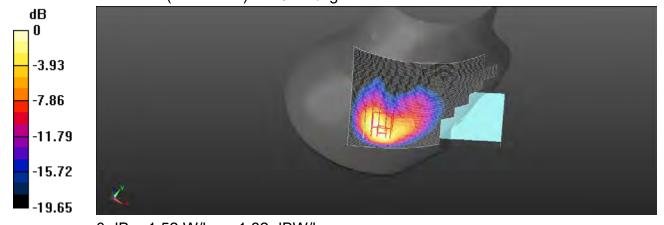
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 q) = 0.929 W/kq; SAR(10 q) = 0.460 W/kq

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

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Page: 565 of 939

Date: 2023/5/20

ID: 011

Report No.: TESA2305000259ES

GPRS850 Body-worn Front Surface CH 190 15mm Ant1

Communication System: GPRS (1Dn2Up); Frequency: 836.6 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 837 MHz;  $\sigma$  = 0.917 S/m;  $\varepsilon_r$  = 42.091;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.81 V/m; Power Drift = -0.09 dB

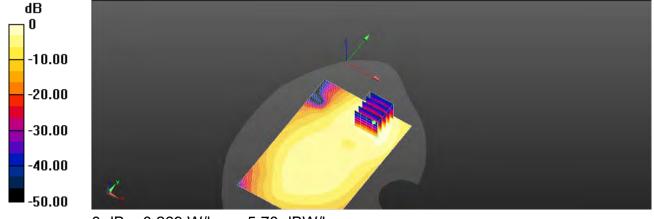
Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 q) = 0.214 W/kq; SAR(10 q) = 0.140 W/kq

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

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Page: 566 of 939

Date: 2023/5/20

ID: 012

Report No.: TESA2305000259ES

WCDMA Band V Body-worn Front Surface CH 4183 15mm Ant1

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.917 S/m;  $\varepsilon_r$  = 42.091;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.206 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.851 V/m; Power Drift = 0.17 dB

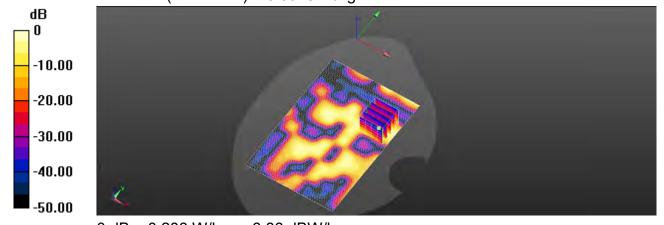
Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 q) = 0.067 W/kq; SAR(10 q) = 0.043 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 0.0948 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

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Page: 567 of 939

Date: 2023/5/28

ID: 013

Report No.: TESA2305000259ES

GPRS1900 Body-worn Front Surface CH 661 15mm Ant2

Communication System: GPRS (1Dn2Up); Frequency: 1880 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.424 S/m;  $\epsilon_r$  = 40.811;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0580 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.717 V/m; Power Drift = 0.11 dB

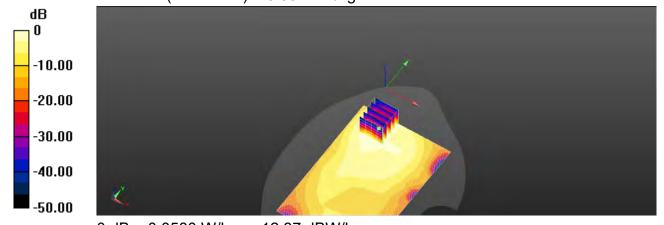
Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 q) = 0.041 W/kq; SAR(10 q) = 0.024 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 62.2%

Maximum value of SAR (measured) = 0.0524 W/kg



0 dB = 0.0580 W/kg = -12.37 dBW/kg

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Page: 568 of 939

Date: 2023/5/28

ID: 014

Report No.: TESA2305000259ES

WCDMA Band II Body-worn Front Surface CH 9400 15mm Ant2

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.424 \text{ S/m}$ ;  $\epsilon_r = 40.811$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.316 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.903 V/m; Power Drift = 0.19 dB

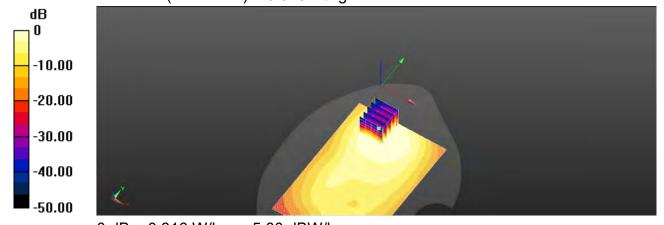
Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 q) = 0.246 W/kq; SAR(10 q) = 0.148 W/kq

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

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Page: 569 of 939

Date: 2023/5/23

ID: 015

**Report No. :TESA2305000259ES** 

WCDMA Band IV Body-worn Front Surface CH 1312 15mm Ant2

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.315 S/m;  $ε_r$  = 39.976; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1712.4 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

## **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.822 V/m; Power Drift = 0.18 dB

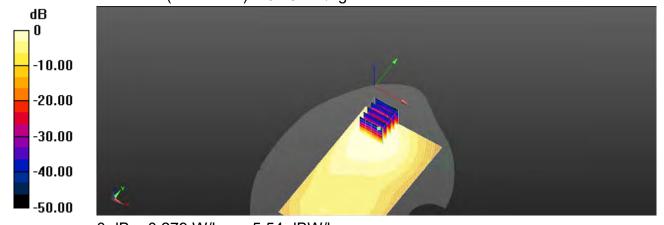
Peak SAR (extrapolated) = 0.341 W/kg

## SAR(1 q) = 0.220 W/kq; SAR(10 q) = 0.134 W/kq

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

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Page: 570 of 939

Date: 2023/5/20

ID: 016

Report No.: TESA2305000259ES

GPRS850 Body-worn Front Surface CH 190 15mm Ant3

Communication System: GPRS (1Dn2Up); Frequency: 836.6 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 837 MHz;  $\sigma$  = 0.917 S/m;  $\varepsilon_r$  = 42.091;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.305 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.41 V/m; Power Drift = 0.03 dB

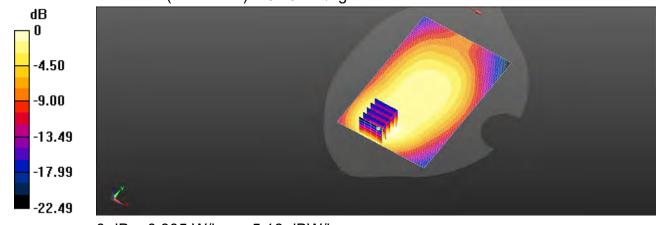
Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 q) = 0.234 W/kq; SAR(10 q) = 0.150 W/kq

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

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Page: 571 of 939

Date: 2023/5/20

ID: 017

Report No.: TESA2305000259ES

# WCDMA Band V Body-worn Front Surface CH 4183 15mm Ant3

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.917 S/m;  $\varepsilon_r$  = 42.091;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.195 W/kg

## **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.48 V/m; Power Drift = 0.03 dB

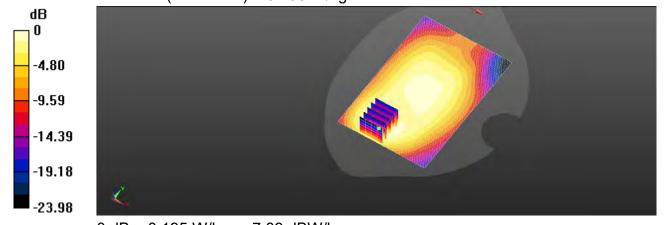
Peak SAR (extrapolated) = 0.229 W/kg

## SAR(1 q) = 0.151 W/kq; SAR(10 q) = 0.097 W/kq

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.195 W/kg = -7.09 dBW/kg

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Page: 572 of 939

Date: 2023/5/29

ID: 018

Report No.: TESA2305000259ES

GPRS1900 Body-worn Front Surface CH 661 15mm Ant4

Communication System: GPRS (1Dn2Up); Frequency: 1880 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.42 S/m;  $\varepsilon_r$  = 40.991;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0800 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.876 V/m; Power Drift = 0.17 dB

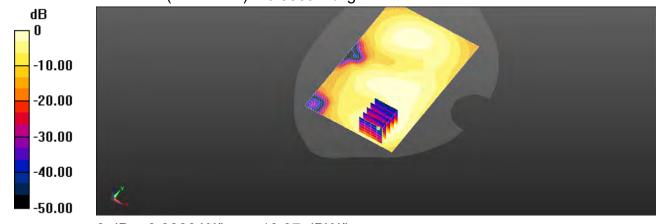
Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 q) = 0.064 W/kq; SAR(10 q) = 0.035 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 0.0859 W/kg



0 dB = 0.0800 W/kg = -10.97 dBW/kg

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Page: 573 of 939

Date: 2023/5/29

ID: 019

Report No.: TESA2305000259ES

WCDMA Band II Body-worn Front Surface CH 9400 15mm Ant4

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.42 S/m;  $\varepsilon_r$  = 40.991;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.827 V/m; Power Drift = 0.19 dB

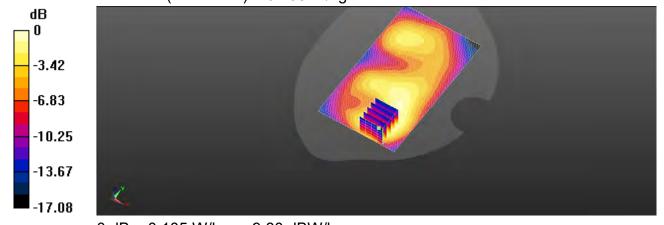
Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 q) = 0.081 W/kq; SAR(10 q) = 0.046 W/kq

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.105 W/kg = -9.80 dBW/kg

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Page: 574 of 939

Date: 2023/5/24

ID: 020

**Report No. :TESA2305000259ES** 

WCDMA Band IV Body-worn Front Surface CH 1312 15mm Ant4

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.32 S/m;  $\varepsilon_r$  = 39.846;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

## DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1712.4 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0967 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.372 V/m; Power Drift = 0.11 dB

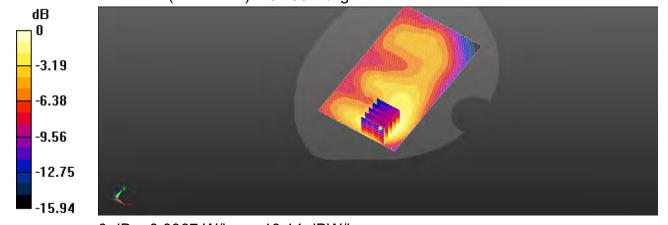
Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 q) = 0.078 W/kq; SAR(10 q) = 0.048 W/kq

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.0967 W/kg = -10.14 dBW/kg

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Page: 575 of 939

Date: 2023/5/21

ID: 021

Report No.: TESA2305000259ES

GPRS850 Hotspot Left Edge CH 190 10mm Ant1

Communication System: GPRS (1Dn2Up); Frequency: 836.6 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 837 MHz;  $\sigma$  = 0.922 S/m;  $\varepsilon_r$  = 42.271;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.523 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.27 V/m; Power Drift = 0.13 dB

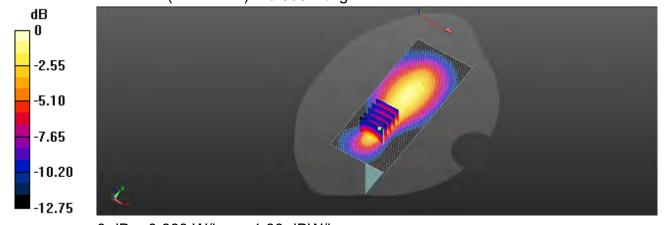
Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 q) = 0.501 W/kq; SAR(10 q) = 0.305 W/kq

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg

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Page: 576 of 939

Date: 2023/5/21

ID: 022

Report No.: TESA2305000259ES

WCDMA Band V Hotspot Left Edge CH 4183 10mm Ant1

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.922 S/m;  $\varepsilon_r$  = 42.271;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

## DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.330 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.67 V/m; Power Drift = 0.08 dB

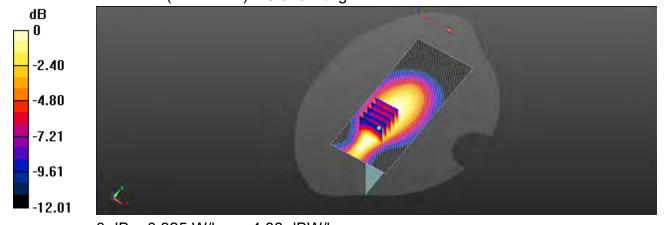
Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 q) = 0.256 W/kq; SAR(10 q) = 0.171 W/kq

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.1%

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

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Page: 577 of 939

Date: 2023/5/31

ID: 023

**Report No. :TESA2305000259ES** 

GPRS1900\_Hotspot\_Bottom Edge\_CH 661\_10mm\_Ant2

Communication System: GPRS (1Dn2Up); Frequency: 1880 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 1880 MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 41.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.54 V/m; Power Drift = -0.15 dB

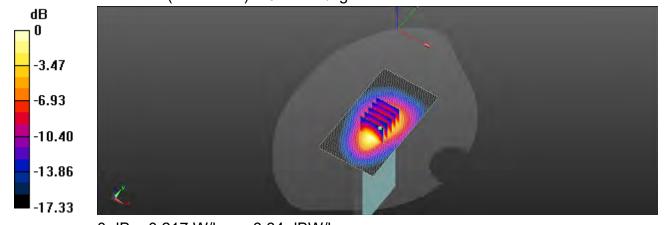
Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.087 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

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Page: 578 of 939

Date: 2023/5/31

ID: 024

**Report No. :TESA2305000259ES** 

WCDMA Band II Hotspot Bottom Edge CH 9400 10mm Ant2

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.414 \text{ S/m}$ ;  $\epsilon_r = 41.181$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.48 V/m; Power Drift = 0.11 dB

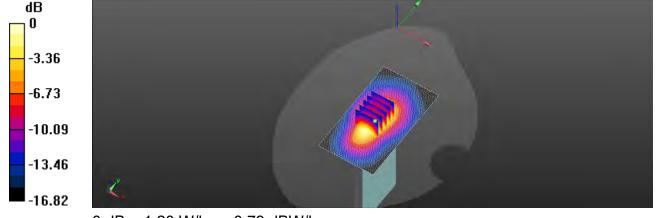
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 q) = 0.879 W/kq; SAR(10 q) = 0.490 W/kq

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

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Page: 579 of 939

Date: 2023/5/26

ID: 025

**Report No. :TESA2305000259ES** 

WCDMA Band IV Hotspot Bottom Edge CH 1312 10mm Ant2

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.327 S/m;  $ε_r$  = 39.496; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.3°C; Liquid temperature: 21.6°C

## DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1712.4 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.83 V/m; Power Drift = 0.05 dB

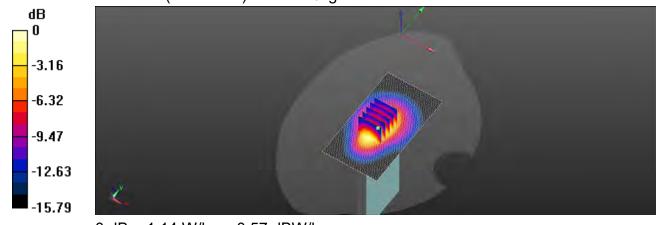
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 q) = 0.855 W/kq; SAR(10 q) = 0.487 W/kq

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

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Page: 580 of 939

Date: 2023/5/22

ID: 026

Report No.: TESA2305000259ES

GPRS850\_Hotspot\_Right Edge\_CH 190\_10mm\_Ant3

Communication System: GPRS (1Dn2Up); Frequency: 836.6 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 837 MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 42.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

· Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.862 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.74 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.471 W/kg

Smallest distance from peaks to all points 3 dB below = 19.8 mm

Ratio of SAR at M2 to SAR at M1 = 72.6%

Maximum value of SAR (measured) = 0.814 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.74 V/m; Power Drift = 0.13 dB

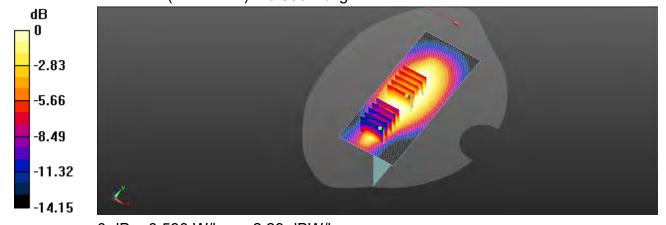
Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.275 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 72.1%

Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

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Page: 581 of 939

Date: 2023/5/22

ID: 027

**Report No. :TESA2305000259ES** 

WCDMA Band V Hotspot Right Edge CH 4183 10mm Ant3

Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1

Medium parameters used: f = 837 MHz;  $\sigma$  = 0.929 S/m;  $\varepsilon_r$  = 42.501;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 836.6 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

## **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.39 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.716 W/kg

## SAR(1 q) = 0.520 W/kq; SAR(10 q) = 0.359 W/kq

Smallest distance from peaks to all points 3 dB below = 27.5 mm

Ratio of SAR at M2 to SAR at M1 = 71.4%

Maximum value of SAR (measured) = 0.635 W/kg

### **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.39 V/m; Power Drift = -0.11 dB

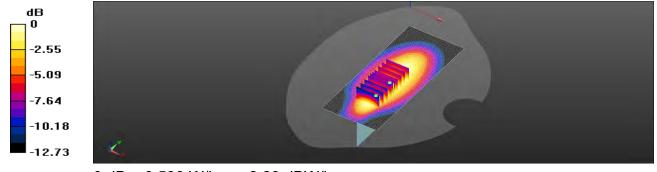
Peak SAR (extrapolated) = 0.664 W/kg

# SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.301 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 72%

Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

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Page: 582 of 939

Date: 2023/6/1

ID: 028

**Report No. :TESA2305000259ES** 

GPRS1900 Hotspot Left Edge CH 661 10mm Ant4

Communication System: GPRS (1Dn2Up); Frequency: 1880 MHz; Duty cycle= 1:4.1 Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.411 S/m;  $\epsilon_r$  = 41.311;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.013 V/m; Power Drift = -0.08 dB

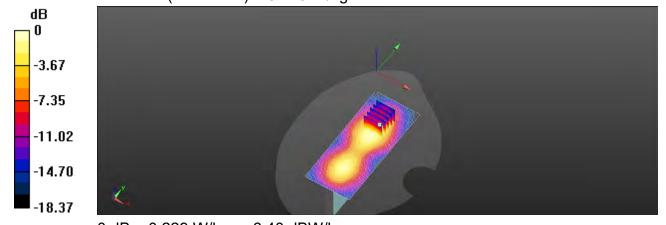
Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 q) = 0.167 W/kq; SAR(10 q) = 0.089 W/kq

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

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Page: 583 of 939

Date: 2023/6/1

ID: 029

Report No.: TESA2305000259ES

WCDMA Band II Hotspot Left Edge CH 9400 10mm Ant4

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.411 S/m;  $\varepsilon_r$  = 41.311;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.335 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.038 V/m; Power Drift = -0.19 dB

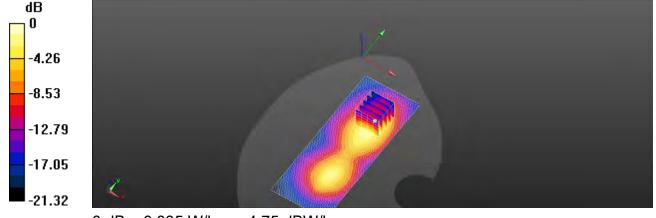
Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 q) = 0.243 W/kq; SAR(10 q) = 0.139 W/kq

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

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Page: 584 of 939

Date: 2023/5/27

ID: 030

Report No.: TESA2305000259ES

WCDMA Band IV Hotspot Left Edge CH 1312 10mm Ant4

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty cycle= 1:1

Medium parameters used: f = 1712.4 MHz;  $\sigma$  = 1.325 S/m;  $ε_r$  = 39.616; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1712.4 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.309 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.301 V/m; Power Drift = 0.16 dB

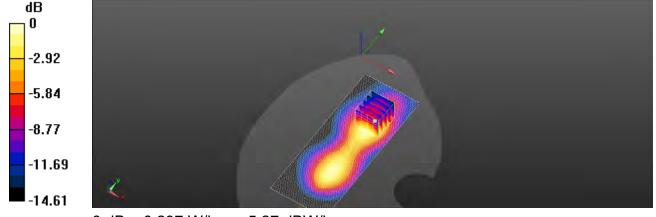
Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 q) = 0.228 W/kq; SAR(10 q) = 0.134 W/kq

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

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Page: 585 of 939

Date: 2023/5/23

ID: 031

**Report No. :TESA2305000259ES** 

LTE Band 2 (20MHz) Head Left Touch CH 18700 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma$  = 1.43 S/m;  $\varepsilon_r$  = 41.285;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1860 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0877 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.916 V/m; Power Drift = 0.15 dB

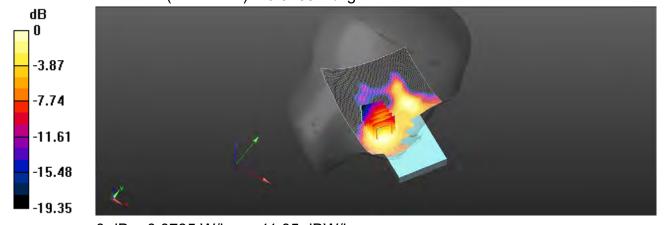
Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 q) = 0.066 W/kq; SAR(10 q) = 0.044 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 0.0785 W/kg



0 dB = 0.0785 W/kg = -11.05 dBW/kg

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台灣檢驗科技股份有限公司



Page: 586 of 939

Date: 2023/5/20

ID: 032

**Report No. :TESA2305000259ES** 

LTE Band 4 (20MHz) Head Left Touch CH 20300 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.334 \text{ S/m}$ ;  $\varepsilon_r = 40.356$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.6, 8.56, 9.12) @ 1745 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0650 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.209 V/m; Power Drift = 0.14 dB

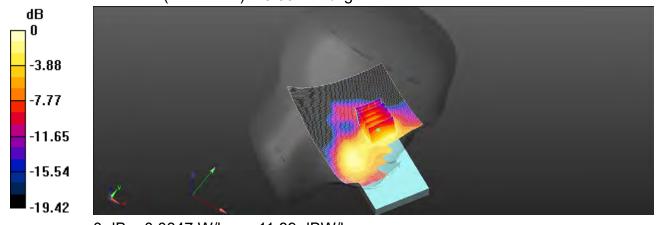
Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 q) = 0.055 W/kq; SAR(10 q) = 0.034 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.0647 W/kg



0 dB = 0.0647 W/kg = -11.89 dBW/kg

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SGS Taiwan Ltd.



Page: 587 of 939

Date: 2023/5/18

ID: 033

**Report No. :TESA2305000259ES** 

LTE Band 5 (10MHz) Head Left Touch CH 20600 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma$  = 0.918 S/m;  $\epsilon_r$  = 41.73;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(9.51, 9.16, 10) @ 844 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.795 V/m; Power Drift = -0.03 dB

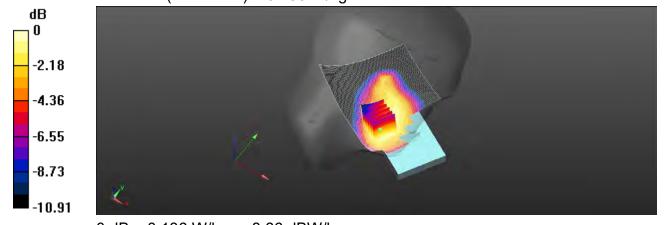
Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 q) = 0.120 W/kq; SAR(10 q) = 0.092 W/kq

Smallest distance from peaks to all points 3 dB below = 20.1 mm

Ratio of SAR at M2 to SAR at M1 = 81.3%

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

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SGS Taiwan Ltd.



Page: 588 of 939

Date: 2023/5/16

ID: 034

**Report No. :TESA2305000259ES** 

LTE Band 12 (10MHz) Head Left Touch CH 23060 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma$  = 0.871 S/m;  $\epsilon_r$  = 42.65;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 704 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0774 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.668 V/m; Power Drift = 0.14 dB

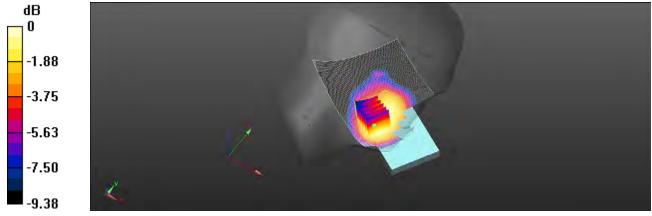
Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 q) = 0.067 W/kq; SAR(10 q) = 0.053 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 84.5%

Maximum value of SAR (measured) = 0.0744 W/kg



0 dB = 0.0744 W/kg = -11.28 dBW/kg

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Page: 589 of 939

Date: 2023/5/16

ID: 035

**Report No. :TESA2305000259ES** 

LTE Band 17 (10MHz) Head Left Touch CH 23800 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.877 S/m;  $\varepsilon_r$  = 42.591;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 711 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0797 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.866 V/m; Power Drift = 0.15 dB

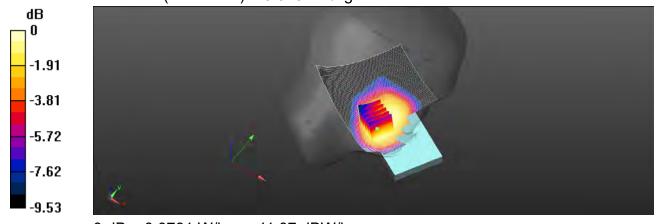
Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 q) = 0.071 W/kq; SAR(10 q) = 0.056 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 85.5%

Maximum value of SAR (measured) = 0.0781 W/kg



0 dB = 0.0781 W/kg = -11.07 dBW/kg

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Page: 590 of 939

Date: 2023/5/23

ID: 036

Report No.: TESA2305000259ES

LTE Band 25 (20MHz) Head Left Touch CH 26140 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma$  = 1.43 S/m;  $\varepsilon_r$  = 41.285;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1860 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0799 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.111 V/m; Power Drift = 0.15 dB

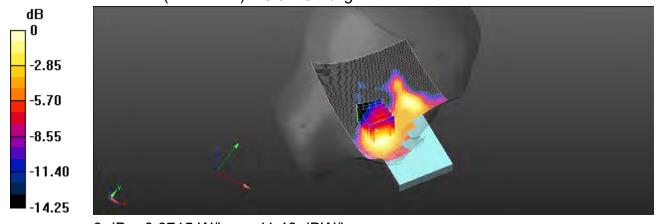
Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 q) = 0.061 W/kq; SAR(10 q) = 0.041 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 0.0715 W/kg



0 dB = 0.0715 W/kg = -11.46 dBW/kg

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Page: 591 of 939

Date: 2023/5/18

ID: 037

Report No.: TESA2305000259ES

LTE Band 26 (15MHz) Head Left Touch CH 26765 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma$  = 0.891 S/m;  $\varepsilon_r$  = 41.859;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 821.5 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.425 V/m; Power Drift = 0.12 dB

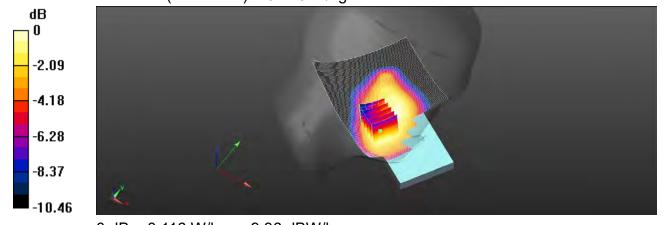
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 q) = 0.103 W/kq; SAR(10 q) = 0.079 W/kq

Smallest distance from peaks to all points 3 dB below = 19.8 mm

Ratio of SAR at M2 to SAR at M1 = 79.8%

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

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Page: 592 of 939

Date: 2023/5/26

ID: 038

Report No.: TESA2305000259ES

LTE Band 30 (10MHz) Head Left Touch CH 27710 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.684 \text{ S/m}$ ;  $\varepsilon_r = 39.527$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 21.6°C; Liquid temperature: 21.3°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.7, 7.7, 8.27) @ 2310 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.391 V/m; Power Drift = -0.16 dB

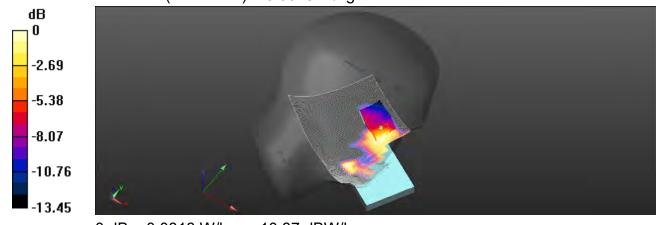
Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 q) = 0.059 W/kq; SAR(10 q) = 0.036 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.0818 W/kg



0 dB = 0.0818 W/kg = -10.87 dBW/kg

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Page: 593 of 939

Date: 2023/5/20

ID: 039

**Report No. :TESA2305000259ES** 

LTE Band 66 (20MHz) Head Left Touch CH 132572 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 1770 MHz; Duty cycle= 1:1

Medium parameters used: f = 1770 MHz;  $\sigma = 1.358 \text{ S/m}$ ;  $\varepsilon_r = 40.296$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.6, 8.56, 9.12) @ 1770 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0815 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.742 V/m; Power Drift = 0.08 dB

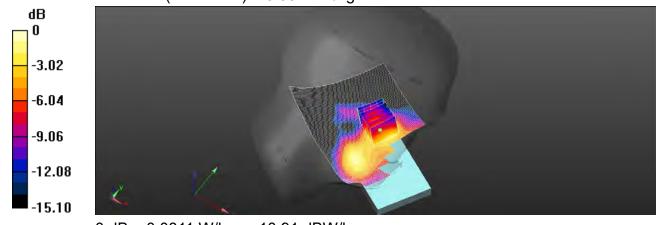
Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 q) = 0.067 W/kq; SAR(10 q) = 0.041 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 0.0811 W/kg



0 dB = 0.0811 W/kg = -10.91 dBW/kg

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台灣檢驗科技股份有限公司



Page: 594 of 939

Date: 2023/5/16

ID: 040

Report No.: TESA2305000259ES

LTE Band 71 (20MHz) Head Left Touch CH 133222 QPSK 1-0 Ant1

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma = 0.86$  S/m;  $\varepsilon_r = 42.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 673 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0770 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.587 V/m; Power Drift = -0.14 dB

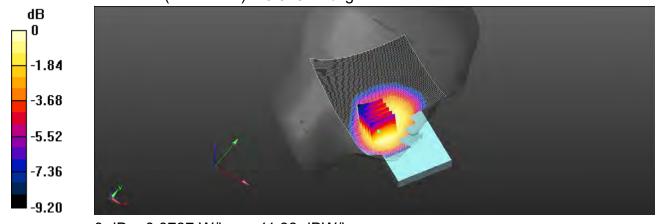
Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 q) = 0.067 W/kq; SAR(10 q) = 0.053 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 0.0737 W/kg



0 dB = 0.0737 W/kg = -11.33 dBW/kg

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Page: 595 of 939

Date: 2023/5/23

ID: 041

Report No.: TESA2305000259ES

NR n2 (20MHz) Head Left Touch CH 376000 Pi/2 BPSK 1-1 Ant1

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.448 S/m;  $\epsilon_r$  = 41.231;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.118 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.517 V/m; Power Drift = 0.08 dB

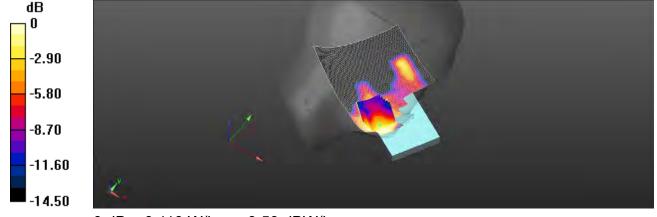
Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.059 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 69.4%

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kq = -9.59 dBW/kq

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台灣檢驗科技股份有限公司



Page: 596 of 939

Date: 2023/5/18

ID: 042

**Report No. :TESA2305000259ES** 

NR n5 (20MHz) Head Left Touch CH 167800 Pi/2 BPSK 1-1 Ant1

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle=

1:1

Medium parameters used: f = 839 MHz;  $\sigma$  = 0.911 S/m;  $\varepsilon_r$  = 41.747;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 839 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.164 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.534 V/m; Power Drift = 0.08 dB

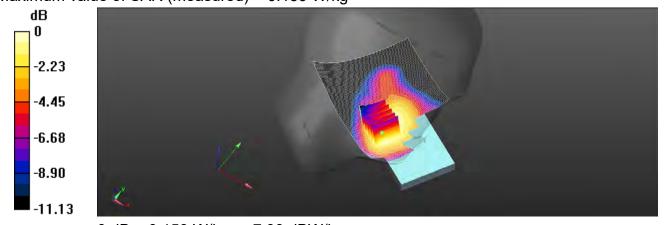
Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.107 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 79.4%

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

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Page: 597 of 939

Date: 2023/5/16

ID: 043

Report No.: TESA2305000259ES

NR n12 (15MHz)\_Head\_Left Touch\_CH 141300\_Pi/2 BPSK\_1-1\_Ant1

Communication System: 5G NR (15 MHz,Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 706.5 MHz;  $\sigma$  = 0.872 S/m;  $\varepsilon_r$  = 42.632;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

 Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 706.5 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0619 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.369 V/m; Power Drift = 0.10 dB

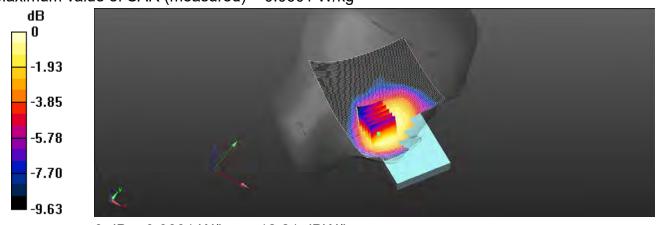
Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 81.9%

Maximum value of SAR (measured) = 0.0601 W/kg



0 dB = 0.0601 W/kg = -12.21 dBW/kg

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Page: 598 of 939

Date: 2023/5/23

ID: 044

**Report No. :TESA2305000259ES** 

NR n25 (40MHz) Head Left Touch CH 376500 Pi/2 BPSK 1-1 Ant1

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1882.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1882.5 MHz;  $\sigma$  = 1.45 S/m;  $\varepsilon_r$  = 41.229;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.12, 8.05, 8.74) @ 1882.5 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.113 V/m; Power Drift = 0.06 dB

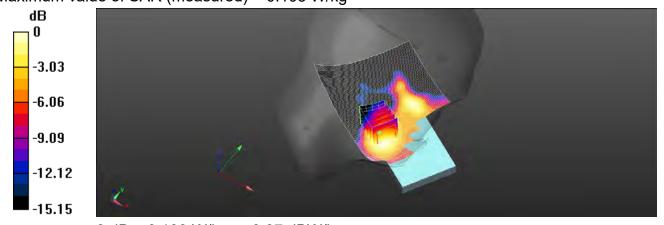
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.054 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

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Page: 599 of 939

Date: 2023/5/20

ID: 045

**Report No. :TESA2305000259ES** 

NR n66 (40MHz) Head Left Touch CH 352000 Pi/2 BPSK 1-1 Ant1

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1760 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1760 MHz;  $\sigma$  = 1.347 S/m;  $\varepsilon_r$  = 40.321;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.6, 8.56, 9.12) @ 1760 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.276 V/m; Power Drift = 0.14 dB

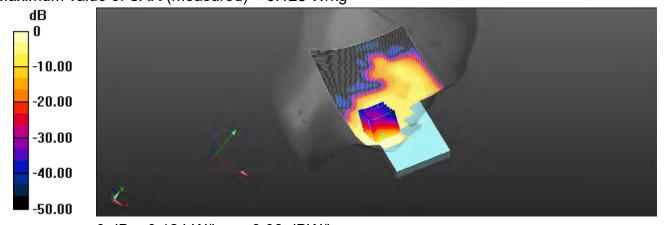
Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.062 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.124 W/kq = -9.08 dBW/kq

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Page: 600 of 939

Date: 2023/5/16

ID: 046

Report No.: TESA2305000259ES

NR n71 (30MHz) Head Left Touch CH 135600 Pi/2 BPSK 1-1 Ant1

Communication System: 5G NR (30 MHz,Pi/2 QPSK, 15kHz); Frequency: 678 MHz; Duty

cycle= 1:1

Medium parameters used: f = 678 MHz;  $\sigma$  = 0.862 S/m;  $\varepsilon_r$  = 42.864;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 678 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0737 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = 0.16 dB

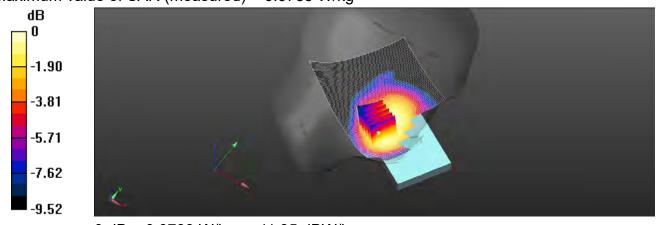
Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.052 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 83.9%

Maximum value of SAR (measured) = 0.0733 W/kg



0 dB = 0.0733 W/kg = -11.35 dBW/kg

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Page: 601 of 939

Date: 2023/5/24

ID: 047

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Head Right Touch CH 19100 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.441 \text{ S/m}$ ;  $\varepsilon_r = 40.562$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1900 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.273 V/m; Power Drift = 0.13 dB

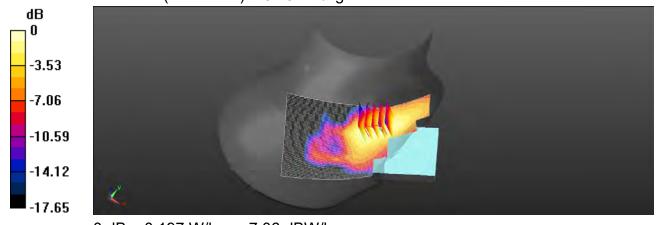
Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 q) = 0.168 W/kq; SAR(10 q) = 0.106 W/kq

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

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Page: 602 of 939

Date: 2023/5/21

ID: 048

Report No.: TESA2305000259ES

LTE Band 4 (20MHz) Head Right Touch CH 20175 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 1732.5 MHz;  $\sigma = 1.348 \text{ S/m}$ ;  $\varepsilon_r = 40.609$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1732.5 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.333 V/m; Power Drift = 0.18 dB

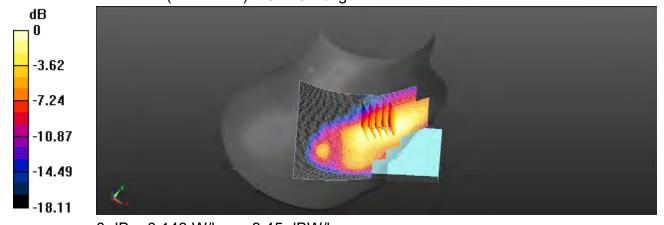
Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 q) = 0.116 W/kq; SAR(10 q) = 0.076 W/kq

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 71%

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

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Page: 603 of 939

Date: 2023/5/27

ID: 049

Report No.: TESA2305000259ES

LTE Band 7 (20MHz) Head Right Touch CH 20850 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 2510 MHz; Duty cycle= 1:1

Medium parameters used: f = 2510 MHz;  $\sigma = 1.869 \text{ S/m}$ ;  $\varepsilon_r = 40.295$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2510 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.169 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.941 V/m; Power Drift = 0.15 dB

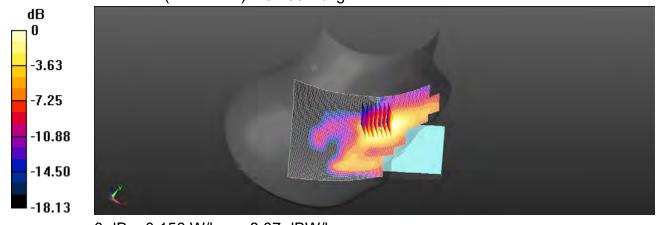
Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 q) = 0.116 W/kq; SAR(10 q) = 0.069 W/kq

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

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Page: 604 of 939

Date: 2023/5/24

ID: 050

Report No.: TESA2305000259ES

LTE Band 25 (20MHz) Head Right Touch CH 26590 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1

Medium parameters used: f = 1905 MHz;  $\sigma = 1.445 \text{ S/m}$ ;  $\varepsilon_r = 40.556$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1905 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.267 V/m; Power Drift = 0.05 dB

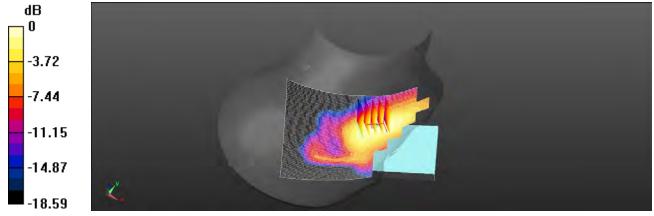
Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 q) = 0.158 W/kq; SAR(10 q) = 0.101 W/kq

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

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Page: 605 of 939

Date: 2023/5/26

ID: 051

Report No.: TESA2305000259ES

LTE Band 30 (10MHz) Head Right Touch CH 27710 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.684 \text{ S/m}$ ;  $\varepsilon_r = 39.527$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.6°C; Liquid temperature: 21.3°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.7, 7.7, 8.27) @ 2310 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

# **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.577 V/m; Power Drift = 0.17 dB

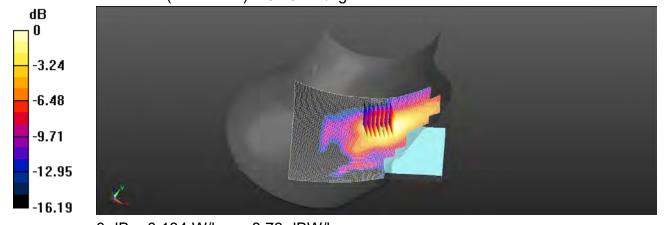
Peak SAR (extrapolated) = 0.174 W/kg

# SAR(1 q) = 0.098 W/kq; SAR(10 q) = 0.060 W/kq

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.5%

Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg

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Page: 606 of 939

Date: 2023/5/21

ID: 052

Report No.: TESA2305000259ES

LTE Band 66 (20MHz) Head Right Touch CH 132072 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.335 \text{ S/m}$ ;  $\varepsilon_r = 40.632$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1720 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.153 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.812 V/m; Power Drift = 0.05 dB

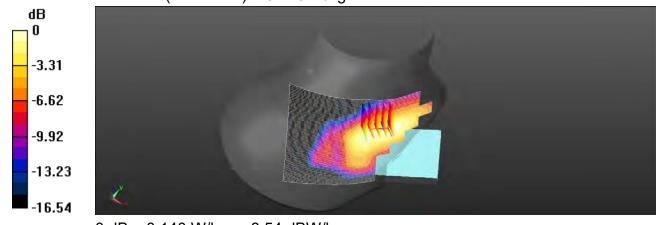
Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 q) = 0.112 W/kq; SAR(10 q) = 0.075 W/kq

Smallest distance from peaks to all points 3 dB below = 14.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.8%

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

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Page: 607 of 939

Date: 2023/5/27

ID: 053

Report No.: TESA2305000259ES

LTE Band 38 (20MHz) Head Right Touch CH 38150 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 2610 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2610 MHz;  $\sigma = 1.954 \text{ S/m}$ ;  $\epsilon_r = 40.077$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2610 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.396 V/m; Power Drift = 0.07 dB

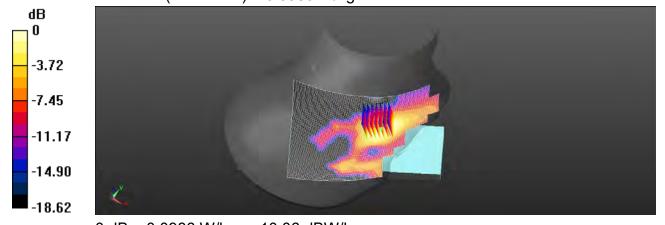
Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 q) = 0.073 W/kq; SAR(10 q) = 0.041 W/kq

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.0986 W/kg



0 dB = 0.0986 W/kg = -10.06 dBW/kg

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Page: 608 of 939

Date: 2023/5/27

ID: 054

Report No.: TESA2305000259ES

LTE Band 41 (20MHz) Head Right Touch CH 41055 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 2636.5 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2636.5 MHz;  $\sigma$  = 1.975 S/m;  $ε_r$  = 40.022; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(7.53, 7.51, 8.07) @ 2636.5 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.120 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.261 V/m; Power Drift = 0.08 dB

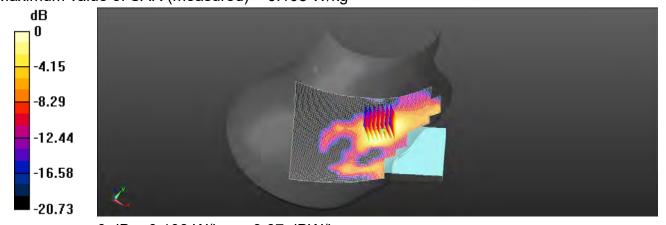
Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.044 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kq = -9.67 dBW/kq

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Page: 609 of 939

Date: 2023/5/31

ID: 055

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Head Right Touch CH 42590 QPSK 1-0 Ant2

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma$  = 2.89 S/m;  $\varepsilon_r$  = 38.335;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x141x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.162 V/m; Power Drift = 0.07 dB

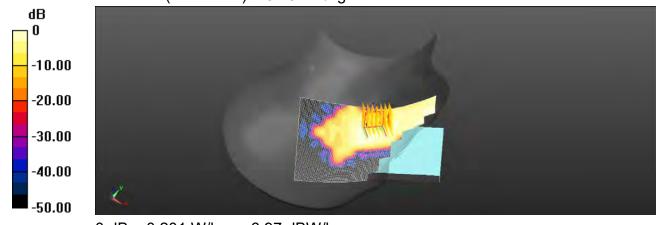
Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 q) = 0.138 W/kq; SAR(10 q) = 0.070 W/kq

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

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SGS Taiwan Ltd.



Page: 610 of 939

Date: 2023/5/24

ID: 056

Report No.: TESA2305000259ES

NR n2 (20MHz) Head Right Touch CH 376000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.432 S/m;  $\epsilon_r$  = 40.591;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.243 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.024 V/m; Power Drift = 0.03 dB

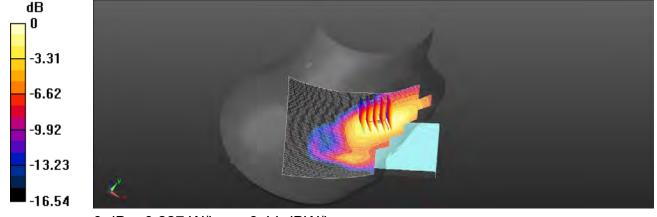
Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 69.9%

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kq = -6.44 dBW/kq

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Page: 611 of 939

Date: 2023/5/28

ID: 057

**Report No. :TESA2305000259ES** 

NR n7 (40MHz) Head Right Touch CH 504000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2520 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2520 MHz;  $\sigma = 1.926 \text{ S/m}$ ;  $\varepsilon_r = 38.924$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2520 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.026 V/m; Power Drift = 0.07 dB

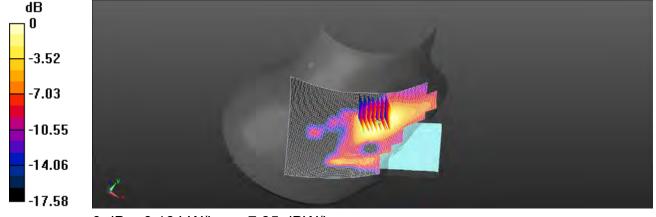
Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

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Page: 612 of 939

Date: 2023/5/24

ID: 058

Report No.: TESA2305000259ES

NR n25 (40MHz) Head Right Touch CH 379000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1895 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1895 MHz;  $\sigma$  = 1.436 S/m;  $\varepsilon_r$  = 40.568;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1895 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.252 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.169 V/m; Power Drift = 0.19 dB

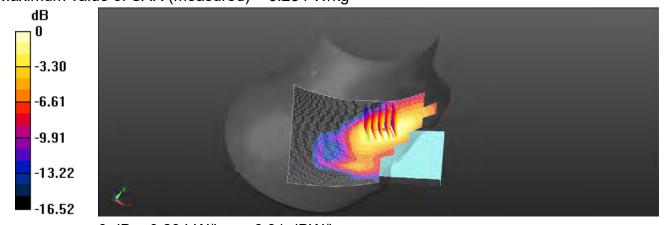
Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.118 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kq = -6.31 dBW/kq

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Page: 613 of 939

Date: 2023/5/21

ID: 059

Report No.: TESA2305000259ES

NR n66 (40MHz) Head Right Touch CH 346000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1730 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1730 MHz;  $\sigma = 1.345 \text{ S/m}$ ;  $\varepsilon_r = 40.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.6, 8.56, 9.12) @ 1730 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.035 V/m; Power Drift = 0.11 dB

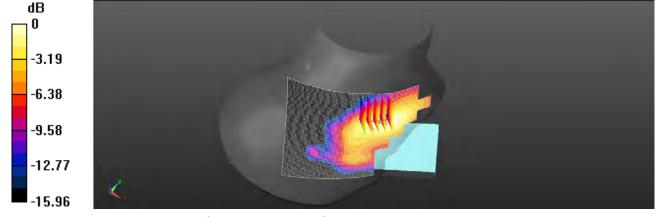
Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.087 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

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Page: 614 of 939

Date: 2023/5/28

ID: 060

Report No.: TESA2305000259ES

NR n38 (40MHz) Head Right Touch CH 520000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2600 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2600 MHz;  $\sigma = 1.993 \text{ S/m}$ ;  $\varepsilon_r = 38.732$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2600 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.701 V/m; Power Drift = 0.16 dB

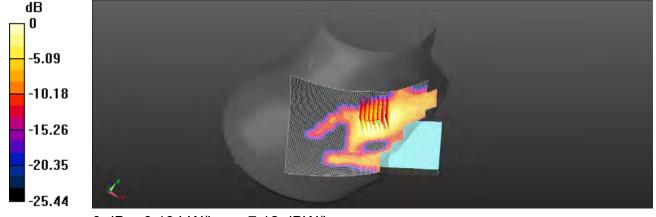
Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

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Page: 615 of 939

Date: 2023/5/28

ID: 061

Report No.: TESA2305000259ES

NR n41 (100MHz) Head Right Touch CH 509202 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 2546.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2546.01 MHz;  $\sigma$  = 1.948 S/m;  $\epsilon_r$  = 38.889;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2546.01 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.072 V/m; Power Drift = 0.07 dB

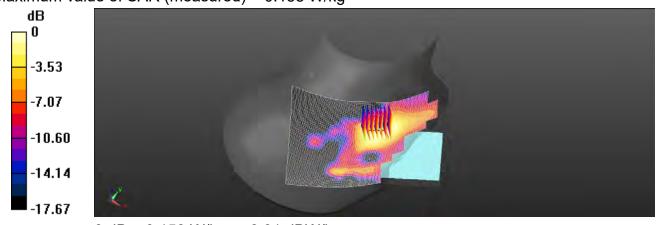
Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.068 W/kg

Smallest distance from peaks to all points 3 dB below = 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

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Page: 616 of 939

Date: 2023/6/4

ID: 062

Report No.: TESA2305000259ES

NR n77 (100MHz) Head Right Touch CH 652400 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma = 3.171$  S/m;  $\varepsilon_r = 38.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.7°C; Liquid temperature: 21.4°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3786 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.642 V/m; Power Drift = 0.03 dB

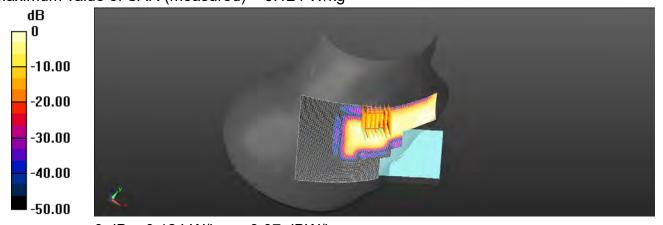
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.035 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kq = -9.07 dBW/kq

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Page: 617 of 939

Date: 2023/5/31

ID: 063

Report No.: TESA2305000259ES

NR n77&n78 (100MHz) Head Right Touch CH 633334 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.892 S/m;  $\epsilon_r$  = 38.335;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500.01 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.215 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.349 V/m; Power Drift = 0.02 dB

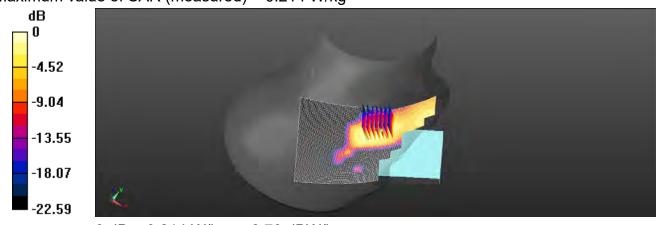
Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 55.8%

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

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Page: 618 of 939

Date: 2023/6/4

ID: 064

Report No.: TESA2305000259ES

NR n78 (100MHz) Head Right Touch CH 650000 Pi/2 BPSK 1-1 Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.131 \text{ S/m}$ ;  $\epsilon_r = 38.851$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.7°C; Liquid temperature: 21.4°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3750 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.131 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.825 V/m; Power Drift = 0.04 dB

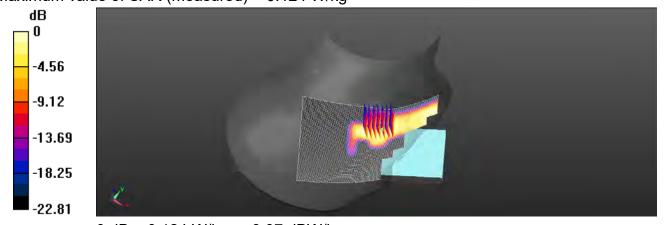
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.036 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kq = -9.07 dBW/kq

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Page: 619 of 939

Date: 2023/5/19

ID: 065

Report No.: TESA2305000259ES

LTE Band 5 (10MHz) Head Left Touch CH 20600 QPSK 1-0 Ant3

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma$  = 0.941 S/m;  $\epsilon_r$  = 42.44;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 844 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.37 V/m; Power Drift = -0.15 dB

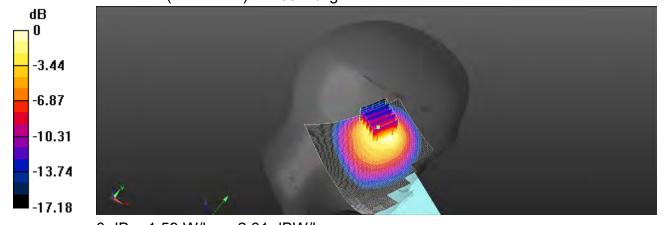
Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.666 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 42.8%

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

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Page: 620 of 939

Date: 2023/5/17

ID: 066

Report No.: TESA2305000259ES

LTE Band 12 (10MHz) Head Left Touch CH 23060 QPSK 1-0 Ant3

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma$  = 0.877 S/m;  $\epsilon_r$  = 42.77;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(9.97, 9.73, 10.82) @ 704 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.676 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.85 V/m; Power Drift = -0.04 dB

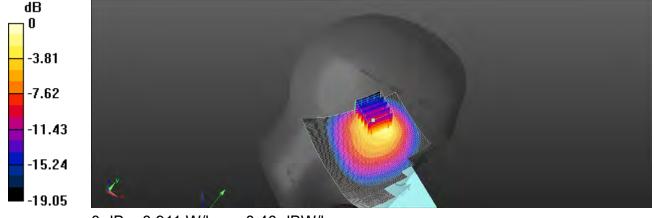
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 q) = 0.516 W/kq; SAR(10 q) = 0.271 W/kq

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 36.6%

Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg = -0.40 dBW/kg

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Page: 621 of 939

Date: 2023/5/17

ID: 067

**Report No. :TESA2305000259ES** 

LTE Band 17 (10MHz) Head Left Touch CH 23800 QPSK 1-0 Ant3

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.883 S/m;  $\varepsilon_r$  = 42.711;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 711 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.921 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.37 V/m; Power Drift = -0.06 dB

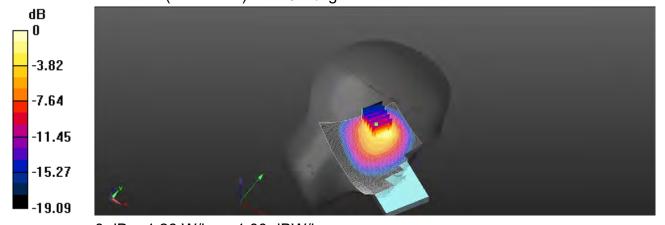
Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 q) = 0.700 W/kq; SAR(10 q) = 0.368 W/kq

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

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Page: 622 of 939

Date: 2023/5/19

ID: 068

Report No.: TESA2305000259ES

LTE Band 26 (15MHz) Head Left Touch CH 26765 QPSK 1-0 Ant3

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma$  = 0.914 S/m;  $\varepsilon_r$  = 42.569;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 821.5 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.52 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.41 V/m; Power Drift = -0.12 dB

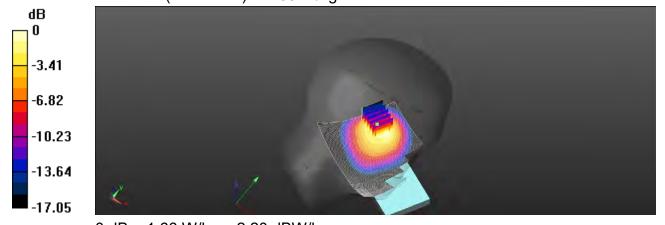
Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.600 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

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Page: 623 of 939

Date: 2023/5/17

ID: 069

Report No.: TESA2305000259ES

LTE Band 71 (20MHz) Head Left Touch CH 133222 QPSK 1-0 Ant3

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma$  = 0.866 S/m;  $\varepsilon_r$  = 43.028;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 673 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.34 V/m; Power Drift = -0.09 dB

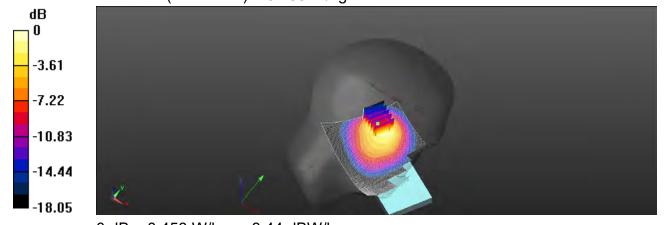
Peak SAR (extrapolated) = 0.668 W/kg

SAR(1 q) = 0.276 W/kq; SAR(10 q) = 0.156 W/kq

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

Maximum value of SAR (measured) = 0.453 W/kg



0 dB = 0.453 W/kg = -3.44 dBW/kg

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Page: 624 of 939

Date: 2023/5/19

ID: 070

Report No.: TESA2305000259ES

NR n5 (20MHz) Head Left Touch CH 167800 Pi/2 BPSK 1-1 Ant3

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle=

1:1

Medium parameters used: f = 839 MHz;  $\sigma$  = 0.934 S/m;  $\varepsilon_r$  = 42.457;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.51, 9.16, 10) @ 839 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.18 W/kg

# **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.42 V/m; Power Drift = -0.12 dB

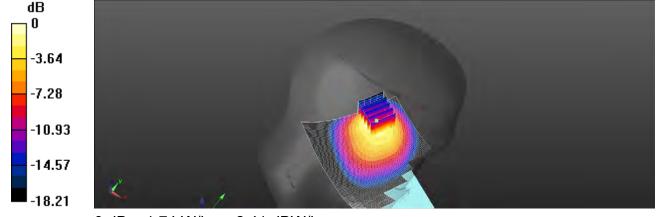
Peak SAR (extrapolated) = 2.60 W/kg

# SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.606 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

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Page: 625 of 939

Date: 2023/5/17

ID: 071

**Report No. :TESA2305000259ES** 

NR n12 (15MHz)\_Head\_Left Touch\_CH 141300\_Pi/2 BPSK\_1-1\_Ant3

Communication System: 5G NR (15 MHz,Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 706.5 MHz;  $\sigma$  = 0.878 S/m;  $\varepsilon_r$  = 42.752;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(9.97, 9.73, 10.82) @ 706.5 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.734 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.54 V/m; Power Drift = -0.15 dB

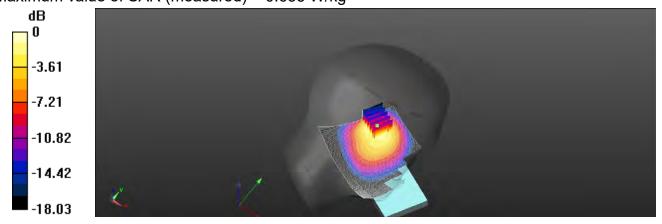
Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.221 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 0.635 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg

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Page: 626 of 939

Date: 2023/5/17

ID: 072

**Report No. :TESA2305000259ES** 

NR n71 (30MHz) Head Left Touch CH 135600 Pi/2 BPSK 1-1 Ant3

Communication System: 5G NR (30 MHz,Pi/2 QPSK, 15kHz); Frequency: 678 MHz; Duty

cycle= 1:1

Medium parameters used: f = 678 MHz;  $\sigma$  = 0.868 S/m;  $\varepsilon_r$  = 42.984;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(9.97, 9.73, 10.82) @ 678 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.555 W/kg

# **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.12 V/m; Power Drift = -0.16 dB

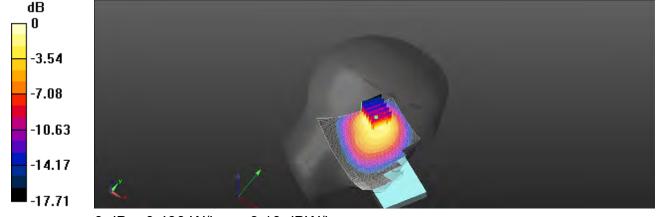
Peak SAR (extrapolated) = 0.697 W/kg

# SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.172 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kq = -3.10 dBW/kq

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Page: 627 of 939

Date: 2023/5/25

ID: 073

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Head Right Touch CH 19100 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.45 \text{ S/m}$ ;  $\epsilon_r = 40.852$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.12, 8.05, 8.74) @ 1900 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.85 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.04 V/m; Power Drift = -0.13 dB

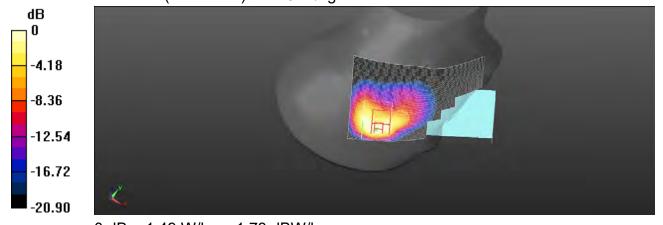
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.534 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

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Page: 628 of 939

Date: 2023/5/22

ID: 074

Report No.: TESA2305000259ES

LTE Band 4 (20MHz) Head Right Touch CH 20175 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 1732.5 MHz;  $\sigma$  = 1.384 S/m;  $ε_r$  = 40.909; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1732.5 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.43 V/m; Power Drift = 0.14 dB

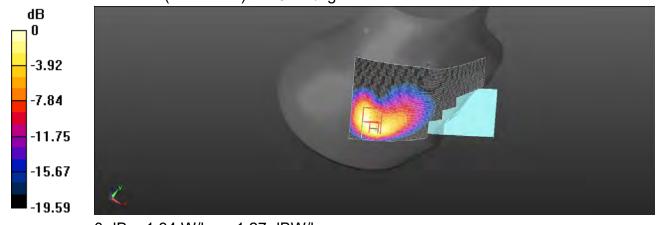
Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 q) = 0.823 W/kq; SAR(10 q) = 0.401 W/kq

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

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Page: 629 of 939

Date: 2023/5/29

ID: 075

Report No.: TESA2305000259ES

LTE Band 7 (20MHz) Head Right Touch CH 20850 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 2510 MHz; Duty cycle= 1:1

Medium parameters used: f = 2510 MHz;  $\sigma = 1.922 \text{ S/m}$ ;  $\varepsilon_r = 39.145$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2510 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.78 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.06 V/m; Power Drift = -0.04 dB

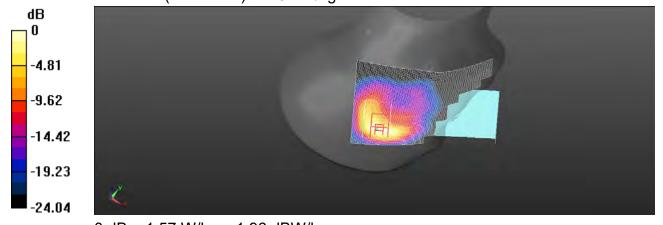
Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.483 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

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Page: 630 of 939

Date: 2023/5/25

ID: 076

Report No.: TESA2305000259ES

LTE Band 25 (20MHz) Head Right Touch CH 26590 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1

Medium parameters used: f = 1905 MHz;  $\sigma = 1.454 \text{ S/m}$ ;  $\varepsilon_r = 40.846$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1905 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.25 V/m; Power Drift = 0.07 dB

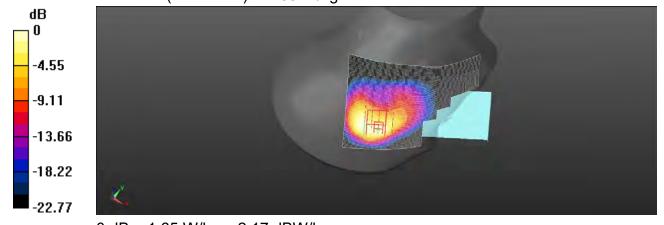
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.564 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

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Page: 631 of 939

Date: 2023/5/26

ID: 077

Report No.: TESA2305000259ES

LTE Band 30 (10MHz) Head Right Touch CH 27710 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.684 \text{ S/m}$ ;  $\varepsilon_r = 39.527$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.6°C; Liquid temperature: 21.3°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(7.7, 7.7, 8.27) @ 2310 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.63 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.26 V/m; Power Drift = 0.04 dB

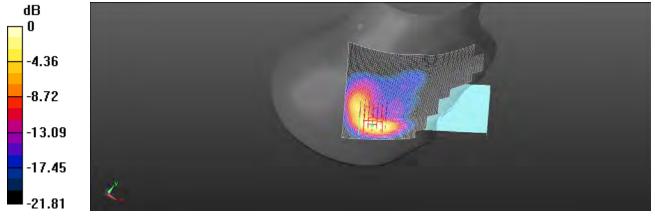
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.428 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

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Page: 632 of 939

Date: 2023/5/22

ID: 078

Report No.: TESA2305000259ES

LTE Band 66 (20MHz) Head Right Touch CH 132072 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.372 \text{ S/m}$ ;  $\varepsilon_r = 40.932$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(8.6, 8.56, 9.12) @ 1720 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.16 V/m; Power Drift = -0.12 dB

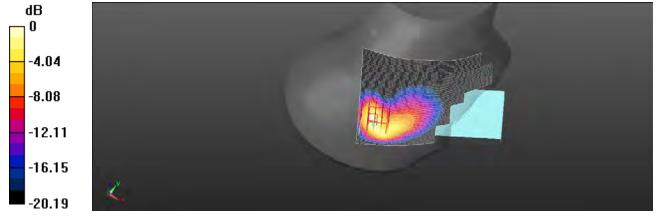
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 q) = 0.783 W/kq; SAR(10 q) = 0.390 W/kq

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

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Page: 633 of 939

Date: 2023/5/29

ID: 079

Report No.: TESA2305000259ES

LTE Band 38 (20MHz) Head Right Touch CH 38150 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 2610 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2610 MHz;  $\sigma = 2.007 \text{ S/m}$ ;  $\varepsilon_r = 38.927$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2610 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.85 V/m; Power Drift = 0.02 dB

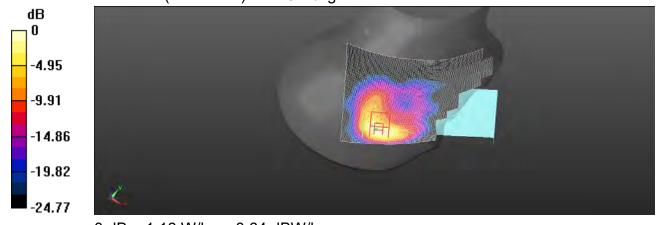
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 q) = 0.758 W/kq; SAR(10 q) = 0.319 W/kq

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

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Page: 634 of 939

Date: 2023/5/29

ID: 080

Report No.: TESA2305000259ES

LTE Band 41 (20MHz) Head Right Touch CH 41055 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 2636.5 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2636.5 MHz;  $\sigma$  = 2.028 S/m;  $ε_r$  = 38.872; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(7.53, 7.51, 8.07) @ 2636.5 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

# **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.992 V/m; Power Drift = -0.03 dB

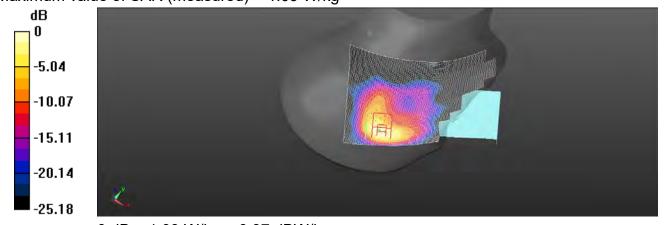
Peak SAR (extrapolated) = 1.60 W/kg

# SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.302 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

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Page: 635 of 939

Date: 2023/6/1

ID: 081

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Head Right Touch CH 42590 QPSK 1-0 Ant4

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.921 \text{ S/m}$ ;  $\epsilon_r = 38.975$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.703 V/m; Power Drift = 0.18 dB

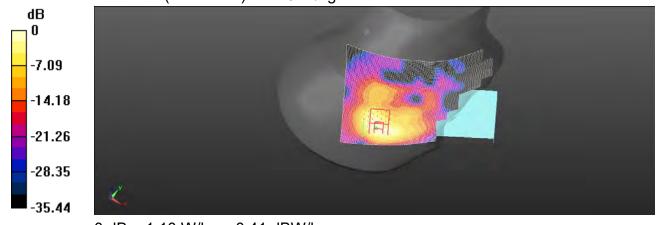
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 q) = 0.652 W/kq; SAR(10 q) = 0.265 W/kq

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

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Page: 636 of 939

Date: 2023/5/25

ID: 082

Report No.: TESA2305000259ES

NR n2 (20MHz) Head Right Touch CH 376000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.441 S/m;  $\varepsilon_r$  = 40.881;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1880 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.85 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.45 V/m; Power Drift = -0.15 dB

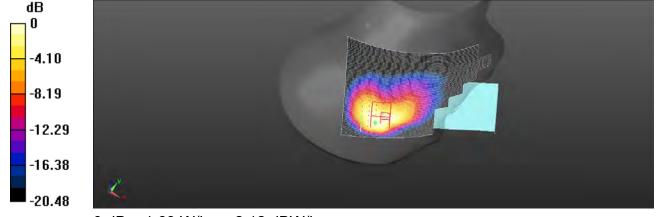
Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.552 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

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Page: 637 of 939

Date: 2023/5/30

ID: 083

**Report No. :TESA2305000259ES** 

NR n7 (40MHz) Head Right Touch CH 504000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2520 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2520 MHz;  $\sigma = 1.917 \text{ S/m}$ ;  $\epsilon_r = 39.514$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2520 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.25 V/m; Power Drift = -0.14 dB

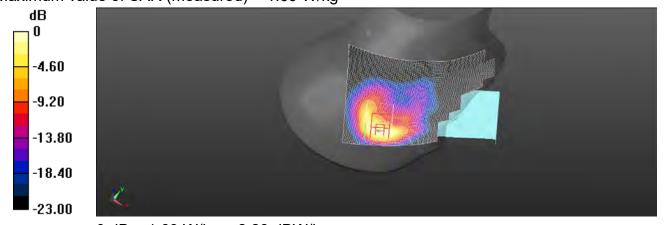
Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.469 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kq = 2.28 dBW/kq

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Page: 638 of 939

Date: 2023/5/25

ID: 084

**Report No. :TESA2305000259ES** 

NR n25 (40MHz) Head Right Touch CH 379000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1895 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1895 MHz;  $\sigma$  = 1.445 S/m;  $\varepsilon_r$  = 40.858;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.12, 8.05, 8.74) @ 1895 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.57 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.08 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.452 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 1.45 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.08 V/m; Power Drift = 0.03 dB

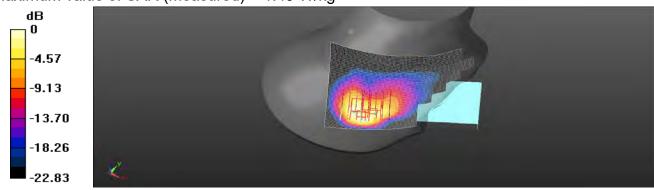
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.429 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

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Page: 639 of 939

Date: 2023/5/22

ID: 085

Report No.: TESA2305000259ES

NR n66 (40MHz) Head Right Touch CH 346000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1730 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1730 MHz;  $\sigma = 1.382 \text{ S/m}$ ;  $\varepsilon_r = 40.91$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(8.6, 8.56, 9.12) @ 1730 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

## **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.87 V/m; Power Drift = -0.05 dB

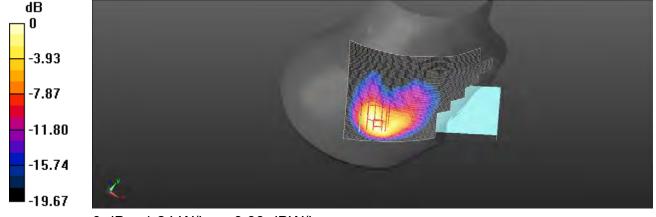
Peak SAR (extrapolated) = 1.54 W/kg

#### SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.367 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kq = 0.93 dBW/kq

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Page: 640 of 939

Date: 2023/5/30

ID: 086

Report No.: TESA2305000259ES

NR n38 (40MHz) Head Right Touch CH 520000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2600 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2600 MHz;  $\sigma = 1.984 \text{ S/m}$ ;  $\varepsilon_r = 39.322$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(7.53, 7.51, 8.07) @ 2600 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.73 V/m; Power Drift = -0.14 dB

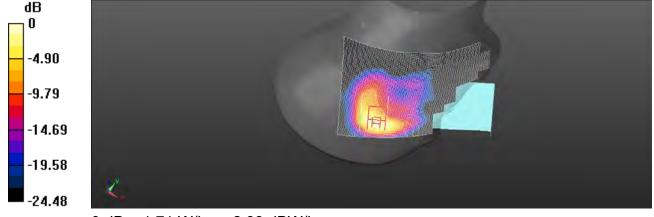
Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.504 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

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Page: 641 of 939

Date: 2023/5/30

ID: 087

Report No.: TESA2305000259ES

NR n41 (100MHz)\_Head\_Right Touch\_CH 509202\_Pi/2 BPSK\_1-1\_Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 2546.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2546.01 MHz;  $\sigma$  = 1.939 S/m;  $ε_r$  = 39.479; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(7.53, 7.51, 8.07) @ 2546.01 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.91 V/m; Power Drift = -0.02 dB

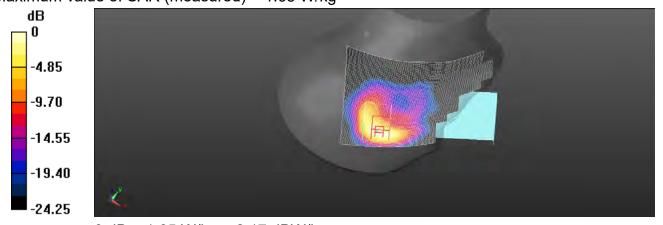
Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.473 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

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Page: 642 of 939

Date: 2023/6/5

ID: 088

Report No.: TESA2305000259ES

NR n77 (100MHz) Head Right Touch CH 652400 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.183 S/m;  $ε_r$  = 38.977; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3786 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

## **Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 13.57 V/m; Power Drift = -0.13 dB

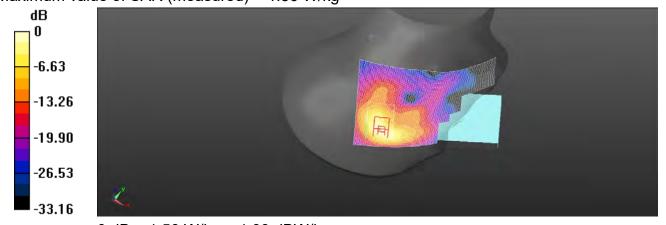
Peak SAR (extrapolated) = 2.55 W/kg

## SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.424 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 39.5%

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

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Page: 643 of 939

Date: 2023/6/1

ID: 089

Report No.: TESA2305000259ES

## NR n77&n78 (100MHz) Head Right Touch CH 633334 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.922 S/m;  $ε_r$  = 38.975; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500.01 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 10.48 V/m; Power Drift = -0.12 dB

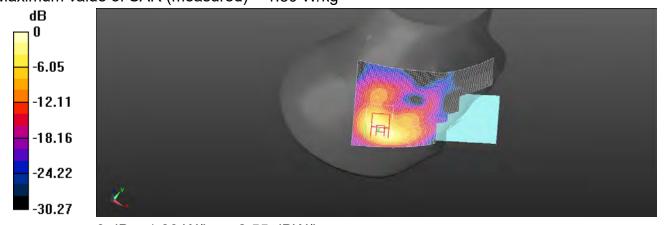
Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.431 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

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Page: 644 of 939

Date: 2023/6/5

ID: 090

Report No.: TESA2305000259ES

NR n78 (100MHz) Head Right Touch CH 650000 Pi/2 BPSK 1-1 Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.143 \text{ S/m}$ ;  $\epsilon_r = 39.051$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3750 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 13.36 V/m; Power Drift = -0.11 dB

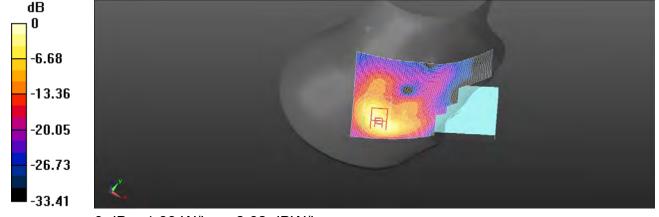
Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.460 W/kg

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 40.1%

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

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Page: 645 of 939

Date: 2023/6/2

ID: 091

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Head Right Touch CH 42590 QPSK 1-0 Ant5

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.927 \text{ S/m}$ ;  $\varepsilon_r = 39.135$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x141x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.834 V/m; Power Drift = -0.06 dB

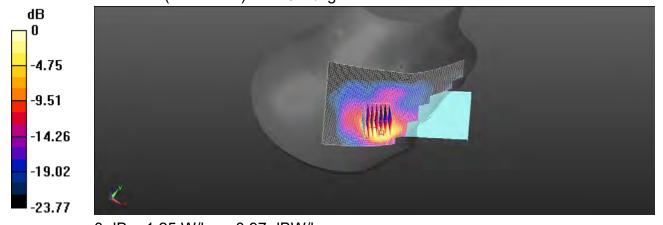
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

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Page: 646 of 939

Date: 2023/6/6

ID: 092

Report No.: TESA2305000259ES

NR n77 (100MHz) Head Right Touch CH 652400 Pi/2 BPSK 1-1 Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma = 3.234$  S/m;  $\varepsilon_r = 38.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3786 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

## **Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.248 V/m; Power Drift = -0.03 dB

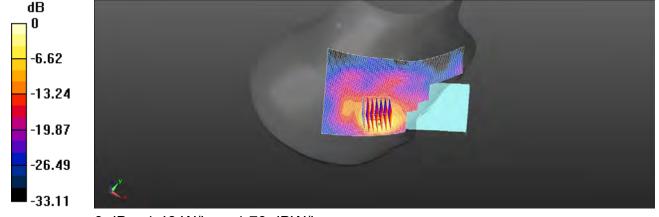
Peak SAR (extrapolated) = 2.37 W/kg

## SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.462 W/kg

Smallest distance from peaks to all points 3 dB below = 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

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Page: 647 of 939

Date: 2023/6/2

ID: 093

Report No.: TESA2305000259ES

# NR n77&n78 (100MHz) Head Right Touch CH 633334 Pi/2 BPSK 1-1 Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.928 S/m;  $ε_r$  = 39.135; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(6.84, 6.84, 7.31) @ 3500.01 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.428 V/m; Power Drift = -0.02 dB

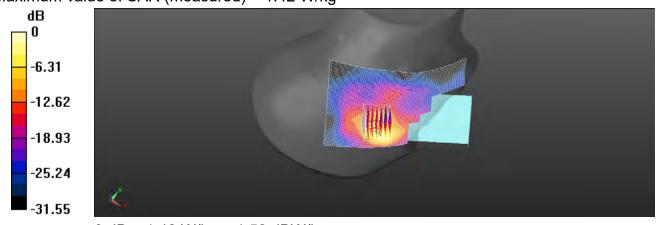
Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.565 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

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Page: 648 of 939

Date: 2023/6/6

ID: 094

Report No.: TESA2305000259ES

NR n78 (100MHz) Head Right Touch CH 650000 Pi/2 BPSK 135-69 Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma$  = 3.184 S/m;  $\epsilon_r$  = 39.021;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature: 22.0°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3750 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.605 V/m; Power Drift = 0.15 dB

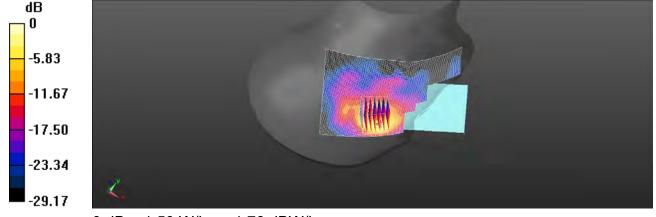
Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.497 W/kg

Smallest distance from peaks to all points 3 dB below = 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

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Page: 649 of 939

Date: 2023/6/3

ID: 095

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Head Left Touch CH 42590 QPSK 1-0 Ant6

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.907 \text{ S/m}$ ;  $\varepsilon_r = 38.855$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500 MHz; Calibrated: 2023/4/26

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2022/9/22
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x141x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.156 V/m; Power Drift = 0.10 dB

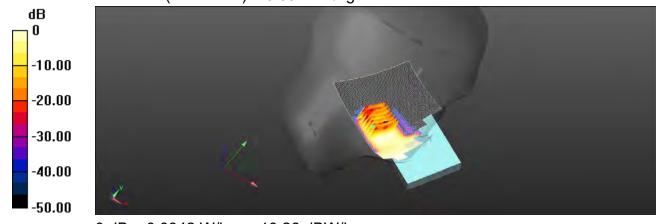
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 q) = 0.065 W/kq; SAR(10 q) = 0.029 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 0.0942 W/kg



0 dB = 0.0942 W/kg = -10.26 dBW/kg

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Page: 650 of 939

Date: 2023/6/7

ID: 096

Report No.: TESA2305000259ES

NR n77 (100MHz) Head Left Touch CH 652400 Pi/2 BPSK 1-1 Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.192 S/m;  $\varepsilon_r$  = 38.747;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 21.6°C; Liquid temperature: 21.3°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3786 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.541 V/m; Power Drift = 0.12 dB

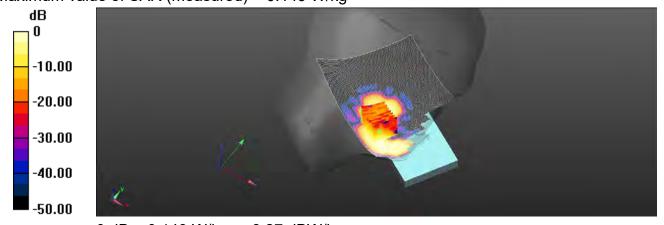
Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.039 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kq = -8.27 dBW/kq

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Page: 651 of 939

Date: 2023/6/3

ID: 097

Report No.: TESA2305000259ES

NR n77&78 (100MHz) Head Left Touch CH 633334 Pi/2 BPSK 1-1 Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.908 S/m;  $ε_r$  = 38.855; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.84, 6.84, 7.31) @ 3500.01 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.627 V/m; Power Drift = 0.07 dB

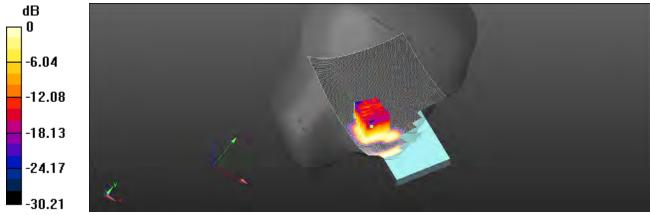
Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.022 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 0.0791 W/kg



0 dB = 0.0791 W/kg = -11.02 dBW/kg

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Page: 652 of 939

Date: 2023/6/7

ID: 098

Report No.: TESA2305000259ES

NR n78 (100MHz) Head Left Touch CH 650000 Pi/2 BPSK 1-1 Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.152 \text{ S/m}$ ;  $\epsilon_r = 38.821$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature: 21.6°C; Liquid temperature: 21.3°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7509; ConvF(6.68, 6.66, 7.12) @ 3750 MHz; Calibrated: 2023/4/26

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1260; Calibrated: 2022/9/22

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.200 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.921 V/m; Power Drift = 0.17 dB

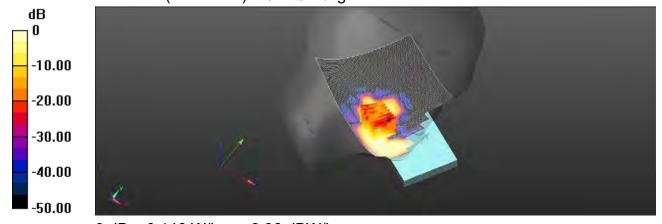
Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.038 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 50.2%

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kq = -8.36 dBW/kq

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Page: 653 of 939

Date: 2023/5/28

ID: 099

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Body-worn Front Surface CH 18700 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma = 1.406 \text{ S/m}$ ;  $\varepsilon_r = 40.865$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1860 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.686 V/m; Power Drift = -0.13 dB

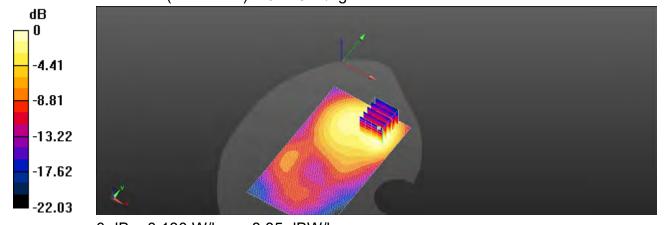
Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 q) = 0.093 W/kq; SAR(10 q) = 0.056 W/kq

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.130 W/kg = -8.85 dBW/kg

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Page: 654 of 939

Date: 2023/5/23

ID: 100

**Report No. :TESA2305000259ES** 

LTE Band 4 (20MHz) Body-worn Front Surface CH 20300 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.345 \text{ S/m}$ ;  $\varepsilon_r = 39.886$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

## DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1745 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0956 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.549 V/m; Power Drift = 0.09 dB

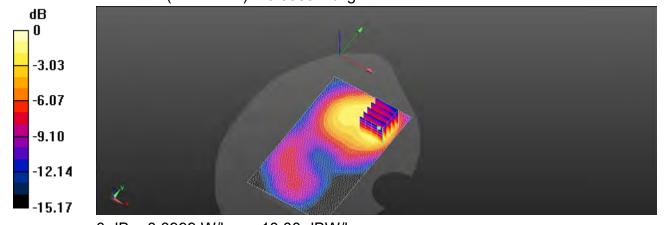
Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 q) = 0.085 W/kq; SAR(10 q) = 0.057 W/kq

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.0999 W/kg



0 dB = 0.0999 W/kg = -10.00 dBW/kg

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Page: 655 of 939

Date: 2023/5/20

ID: 101

**Report No. :TESA2305000259ES** 

LTE Band 5 (10MHz) Body-worn Front Surface CH 20600 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma$  = 0.927 S/m;  $\epsilon_r$  = 42.07;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 844 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.174 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.924 V/m; Power Drift = 0.01 dB

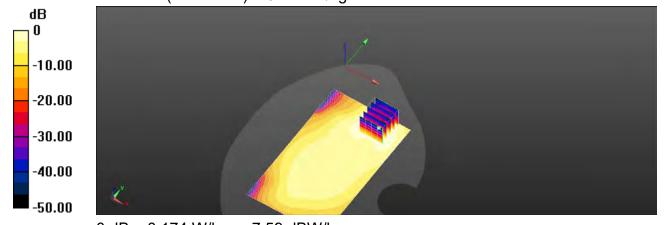
Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 q) = 0.139 W/kq; SAR(10 q) = 0.090 W/kq

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

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Page: 656 of 939

Date: 2023/5/16

ID: 102

**Report No. :TESA2305000259ES** 

LTE Band 12 (10MHz) Body-worn Back Surface CH 23060 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma$  = 0.881 S/m;  $\epsilon_r$  = 42.98;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 704 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0879 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

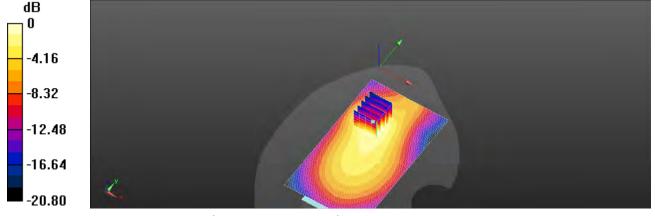
Reference Value = 7.234 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.044 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 0.0872 W/kg



0 dB = 0.0879 W/kq = -10.56 dBW/kq

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Page: 657 of 939

Date: 2023/5/16

ID: 103

**Report No. :TESA2305000259ES** 

LTE Band 17 (10MHz) Body-worn Back Surface CH 23800 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.887 S/m;  $\varepsilon_r$  = 42.921;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 711 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0909 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.777 V/m; Power Drift = 0.14 dB

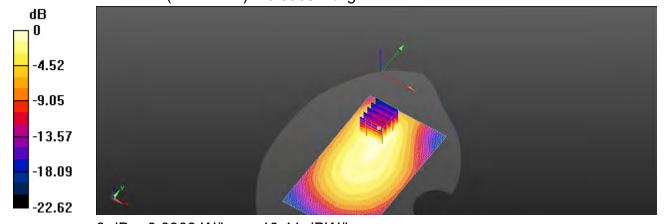
Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 q) = 0.072 W/kq; SAR(10 q) = 0.048 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.0908 W/kg



0 dB = 0.0909 W/kg = -10.41 dBW/kg

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SGS Taiwan Ltd.



Page: 658 of 939

Date: 2023/5/28

ID: 104

Report No.: TESA2305000259ES

LTE Band 25 (20MHz) Body-worn Front Surface CH 26140 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma = 1.406 \text{ S/m}$ ;  $\varepsilon_r = 40.865$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1860 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.633 V/m; Power Drift = -0.11 dB

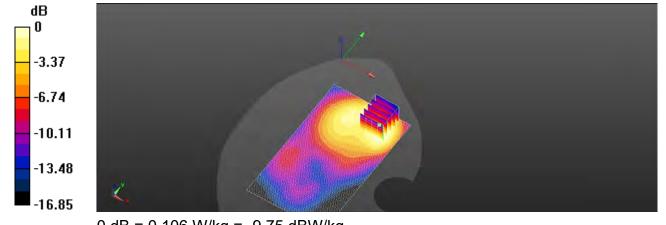
Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.3%

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

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SGS Taiwan Ltd.



Page: 659 of 939

Date: 2023/5/20

ID: 105

**Report No. :TESA2305000259ES** 

LTE Band 26 (15MHz) Body-worn Front Surface CH 26765 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma = 0.9 \text{ S/m}$ ;  $\varepsilon_r = 42.199$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 821.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.738 V/m; Power Drift = 0.10 dB

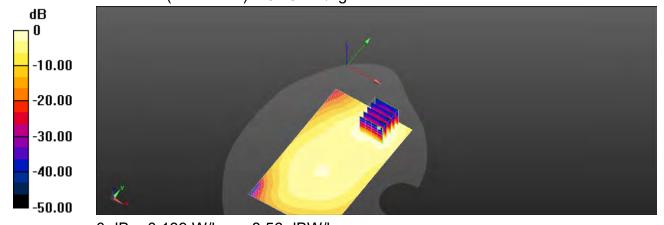
Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 q) = 0.112 W/kq; SAR(10 q) = 0.074 W/kq

Smallest distance from peaks to all points 3 dB below = 20.5 mm

Ratio of SAR at M2 to SAR at M1 = 71.4%

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.139 W/kg = -8.56 dBW/kg

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SGS Taiwan Ltd.



Page: 660 of 939

Date: 2023/6/3

ID: 106

**Report No. :TESA2305000259ES** 

LTE Band 30 (10MHz) Body-worn Front Surface CH 27710 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.691 \text{ S/m}$ ;  $\varepsilon_r = 39.94$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.06, 7.96, 7.99) @ 2310 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.262 V/m; Power Drift = 0.17 dB

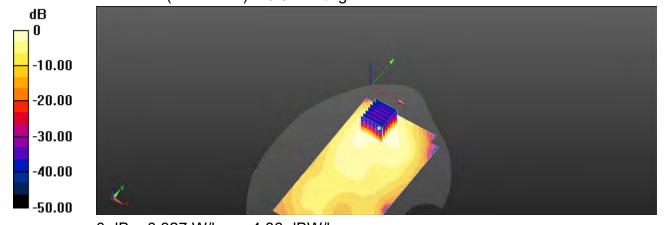
Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 q) = 0.250 W/kq; SAR(10 q) = 0.149 W/kq

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.327 W/kg = -4.86 dBW/kg

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Page: 661 of 939

Date: 2023/5/23

ID: 107

**Report No. :TESA2305000259ES** 

LTE Band 66 (20MHz) Body-worn Front Surface CH 132572 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 1770 MHz; Duty cycle= 1:1

Medium parameters used: f = 1770 MHz;  $\sigma = 1.369 \text{ S/m}$ ;  $\varepsilon_r = 39.826$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1770 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.951 V/m; Power Drift = -0.10 dB

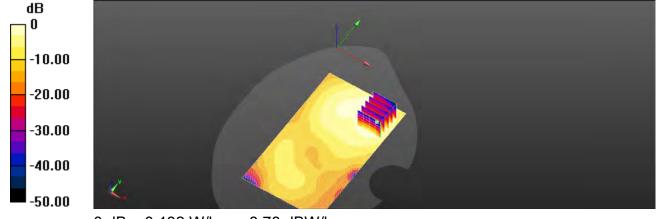
Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 q) = 0.102 W/kq; SAR(10 q) = 0.062 W/kq

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.78 dBW/kg

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Page: 662 of 939

Date: 2023/5/16

ID: 108

**Report No. :TESA2305000259ES** 

LTE Band 71 (20MHz) Body-worn Back Surface CH 133222 QPSK 1-0 15mm Ant1

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma = 0.87$  S/m;  $\varepsilon_r = 43.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 673 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0982 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.978 V/m; Power Drift = 0.14 dB

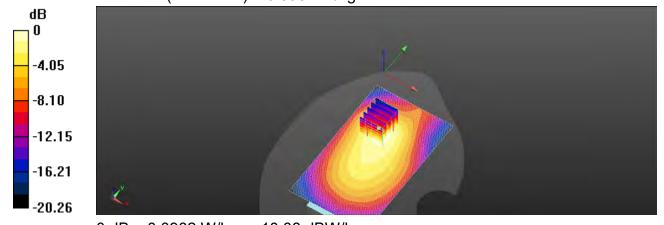
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 q) = 0.077 W/kq; SAR(10 q) = 0.051 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 0.0967 W/kg



0 dB = 0.0982 W/kg = -10.08 dBW/kg

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Page: 663 of 939

Date: 2023/5/28

ID: 109

**Report No. :TESA2305000259ES** 

NR n2 (20MHz) Body-worn Front Surface CH 376000 Pi/2 BPSK 1-1 15mm Ant1 Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.424 S/m;  $\epsilon_r$  = 40.811;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.956 V/m; Power Drift = 0.15 dB

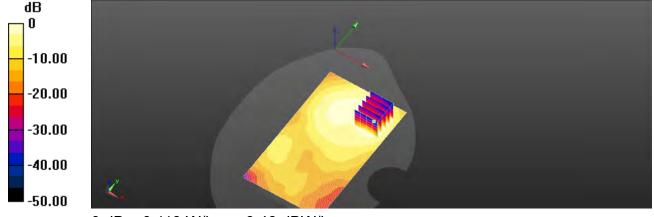
Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.6%

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.113 W/kq = -9.48 dBW/kq

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Page: 664 of 939

Date: 2023/5/20

ID: 110

**Report No. :TESA2305000259ES** 

NR n5 (20MHz)\_Body-worn\_Front Surface\_CH 167800\_Pi/2 BPSK\_1-1\_15mm\_Ant1

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle=

1:1

Medium parameters used: f = 839 MHz;  $\sigma$  = 0.92 S/m;  $\epsilon_r$  = 42.087;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 839 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.155 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.836 V/m; Power Drift = 0.11 dB

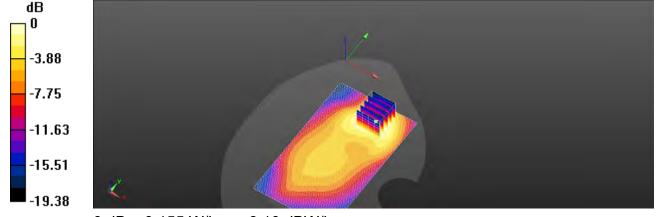
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

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Page: 665 of 939

Date: 2023/5/16

ID: 111

**Report No. :TESA2305000259ES** 

NR n12 (15MHz) Body-worn Back Surface CH 141300 Pi/2 BPSK 1-1 15mm Ant1

Communication System: 5G NR (15 MHz,Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 706.5 MHz;  $\sigma$  = 0.882 S/m;  $\varepsilon_r$  = 42.962;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 706.5 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0743 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

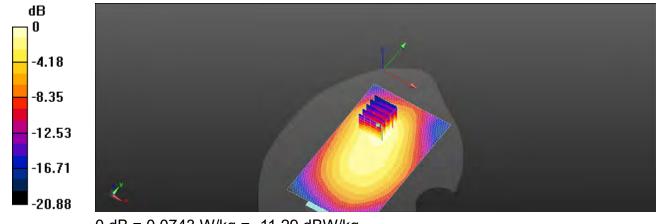
Reference Value = 7.668 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.039 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 0.0741 W/kg



0 dB = 0.0743 W/kg = -11.29 dBW/kg

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SGS Taiwan Ltd.



Page: 666 of 939

Date: 2023/5/23

ID: 112

**Report No. :TESA2305000259ES** 

NR n66 (40MHz) Body-worn Front Surface CH 352000 Pi/2 BPSK 1-1 15mm Ant1 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1760 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1760 MHz;  $\sigma$  = 1.358 S/m;  $\epsilon_r$  = 39.851;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1760 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.546 V/m; Power Drift = 0.04 dB

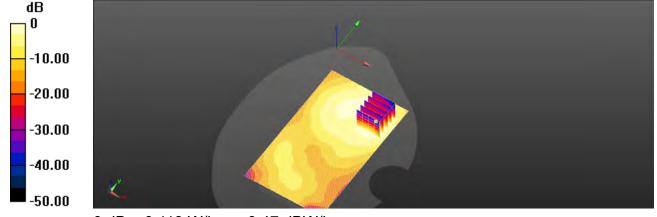
Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.113 W/kq = -9.47 dBW/kq

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Page: 667 of 939

Date: 2023/5/16

ID: 113

Report No.: TESA2305000259ES

NR n71 (30MHz) Body-worn Back Surface CH 135600 Pi/2 BPSK 1-1 15mm Ant1

Communication System: 5G NR (30 MHz,Pi/2 QPSK, 15kHz); Frequency: 678 MHz; Duty

cycle= 1:1

Medium parameters used: f = 678 MHz;  $\sigma$  = 0.872 S/m;  $\varepsilon_r$  = 43.194;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 678 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0982 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.416 V/m; Power Drift = 0.08 dB

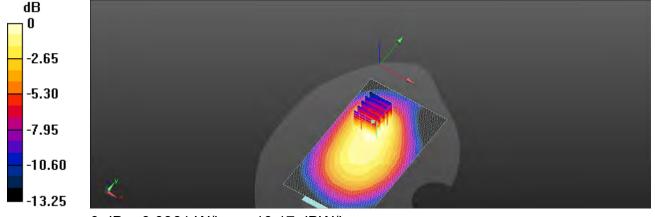
Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 0.0961 W/kg



0 dB = 0.0961 W/kq = -10.17 dBW/kq

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Page: 668 of 939

Date: 2023/5/28

ID: 114

**Report No. :TESA2305000259ES** 

LTE Band 2 (20MHz) Body-worn Front Surface CH 19100 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.433 \text{ S/m}$ ;  $\varepsilon_r = 40.782$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1900 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.243 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.553 V/m; Power Drift = 0.04 dB

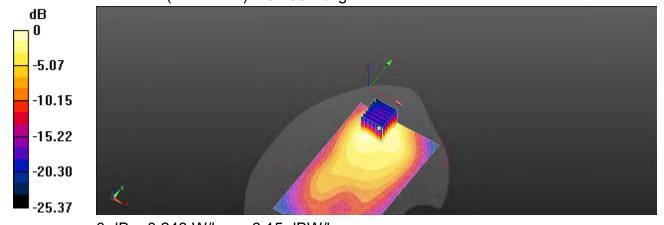
Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 q) = 0.200 W/kq; SAR(10 q) = 0.120 W/kq

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.243 W/kg = -6.15 dBW/kg

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Page: 669 of 939

Date: 2023/5/23

ID: 115

**Report No. :TESA2305000259ES** 

LTE Band 4 (20MHz) Body-worn Front Surface CH 20175 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 1732.5 MHz;  $\sigma$  = 1.334 S/m;  $ε_r$  = 39.929; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1732.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.599 V/m; Power Drift = 0.11 dB

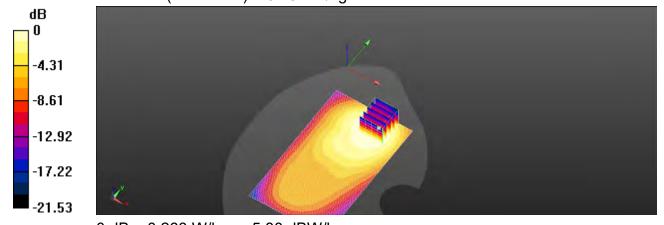
Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 q) = 0.190 W/kq; SAR(10 q) = 0.117 W/kq

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

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Page: 670 of 939

Date: 2023/6/4

ID: 116

**Report No. :TESA2305000259ES** 

LTE Band 7 (20MHz) Body-worn Front Surface CH 20850 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 2510 MHz; Duty cycle= 1:1

Medium parameters used: f = 2510 MHz;  $\sigma = 1.9 \text{ S/m}$ ;  $\epsilon_r = 39.495$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

#### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2510 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.612 V/m; Power Drift = 0.12 dB

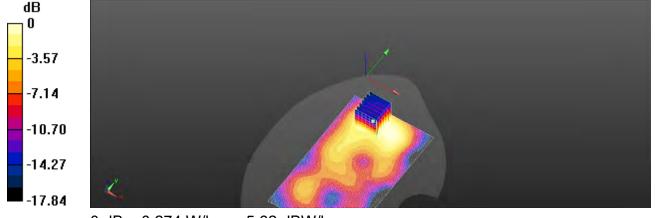
Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 q) = 0.187 W/kq; SAR(10 q) = 0.101 W/kq

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

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Page: 671 of 939

Date: 2023/5/28

ID: 117

**Report No. :TESA2305000259ES** 

LTE Band 25 (20MHz) Body-worn Front Surface CH 26590 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1

Medium parameters used: f = 1905 MHz;  $\sigma = 1.437 \text{ S/m}$ ;  $\epsilon_r = 40.776$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

#### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1905 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.256 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.912 V/m; Power Drift = 0.08 dB

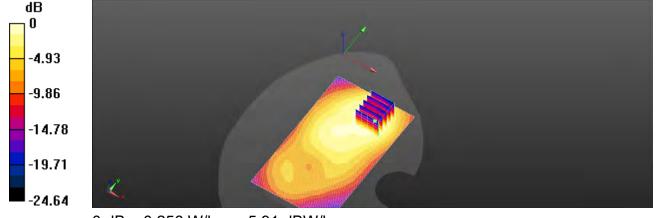
Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 q) = 0.195 W/kq; SAR(10 q) = 0.119 W/kq

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.256 W/kg = -5.91 dBW/kg

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Page: 672 of 939

Date: 2023/6/3

ID: 118

**Report No. :TESA2305000259ES** 

LTE Band 30 (10MHz) Body-worn Front Surface CH 27710 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.691 \text{ S/m}$ ;  $\varepsilon_r = 39.94$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.06, 7.96, 7.99) @ 2310 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.656 V/m; Power Drift = 0.19 dB

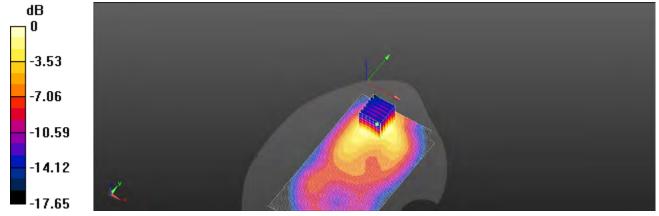
Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 q) = 0.155 W/kq; SAR(10 q) = 0.096 W/kq

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

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Page: 673 of 939

Date: 2023/5/23

ID: 119

**Report No. :TESA2305000259ES** 

LTE Band 66 (20MHz) Body-worn Front Surface CH 132072 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.322 \text{ S/m}$ ;  $\varepsilon_r = 39.952$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1720 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.186 V/m; Power Drift = 0.15 dB

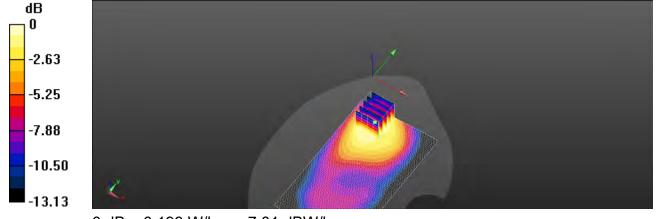
Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 q) = 0.160 W/kq; SAR(10 q) = 0.101 W/kq

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

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Page: 674 of 939

Date: 2023/6/4

ID: 120

**Report No. :TESA2305000259ES** 

LTE Band 38 (20MHz) Body-worn Front Surface CH 38150 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 2610 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2610 MHz;  $\sigma = 1.985 \text{ S/m}$ ;  $\epsilon_r = 39.277$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2610 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.011 V/m; Power Drift = 0.14 dB

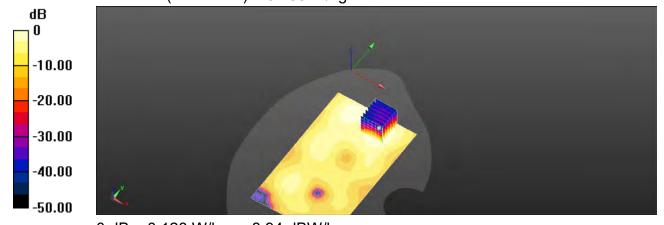
Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 q) = 0.095 W/kq; SAR(10 q) = 0.052 W/kq

Smallest distance from peaks to all points 3 dB below = 14.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.128 W/kg = -8.94 dBW/kg

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SGS Taiwan Ltd.



Page: 675 of 939

Date: 2023/6/4

ID: 121

**Report No. :TESA2305000259ES** 

LTE Band 41 (20MHz) Body-worn Front Surface CH 41055 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 2636.5 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2636.5 MHz;  $\sigma$  = 2.006 S/m;  $ε_r$  = 39.222; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2636.5 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.897 V/m; Power Drift = 0.14 dB

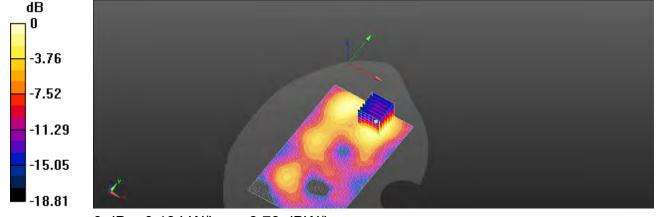
Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kq = -8.73 dBW/kq

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SGS Taiwan Ltd.



Page: 676 of 939

Date: 2023/6/10

ID: 122

**Report No. :TESA2305000259ES** 

LTE Band 42 (20MHz) Body-worn Front Surface CH 42590 QPSK 1-0 15mm Ant2

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.913 \text{ S/m}$ ;  $\epsilon_r = 38.935$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.366 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.605 V/m; Power Drift = -0.15 dB

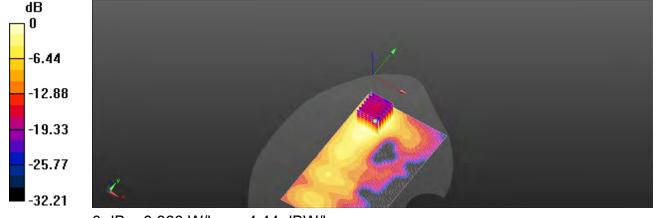
Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 q) = 0.233 W/kq; SAR(10 q) = 0.109 W/kq

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

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SGS Taiwan Ltd.



Page: 677 of 939

Date: 2023/5/28

ID: 123

**Report No. :TESA2305000259ES** 

NR n2 (20MHz) Body-worn Front Surface CH 376000 Pi/2 BPSK 1-1 15mm Ant2

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.424 S/m;  $\epsilon_r$  = 40.811;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.397 V/m; Power Drift = 0.16 dB

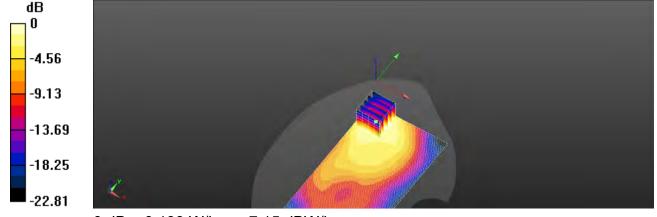
Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.086 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.193 W/kg = -7.15 dBW/kg

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SGS Taiwan Ltd.



Page: 678 of 939

Date: 2023/6/4

ID: 124

**Report No. :TESA2305000259ES** 

NR n7 (40MHz) Body-worn Front Surface CH 504000 Pi/2 BPSK 1-1 15mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2520 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2520 MHz;  $\sigma = 1.91 \text{ S/m}$ ;  $\epsilon_r = 39.484$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2520 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.621 V/m; Power Drift = 0.12 dB

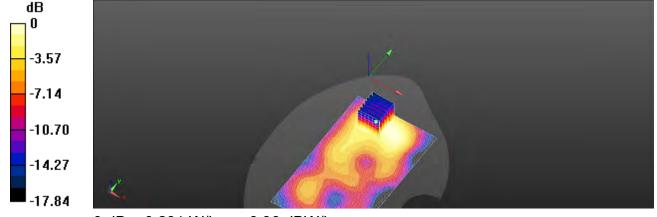
Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

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Page: 679 of 939

Date: 2023/5/28

ID: 125

**Report No. :TESA2305000259ES** 

NR n25 (40MHz) Body-worn Front Surface CH 379000 Pi/2 BPSK 1-1 15mm Ant2 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1895 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1895 MHz;  $\sigma$  = 1.428 S/m;  $\varepsilon_r$  = 40.788;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1895 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.994 V/m; Power Drift = -0.19 dB

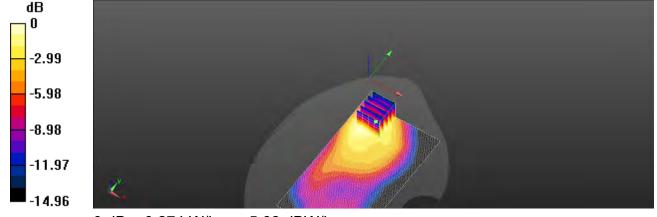
Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.129 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kq = -5.62 dBW/kq

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Page: 680 of 939

Date: 2023/5/23

ID: 126

**Report No. :TESA2305000259ES** 

NR n66 (40MHz) Body-worn Front Surface CH 346000 Pi/2 BPSK 1-1 15mm Ant2 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1730 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1730 MHz;  $\sigma = 1.332 \text{ S/m}$ ;  $\epsilon_r = 39.93$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1730 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.789 V/m; Power Drift = 0.15 dB

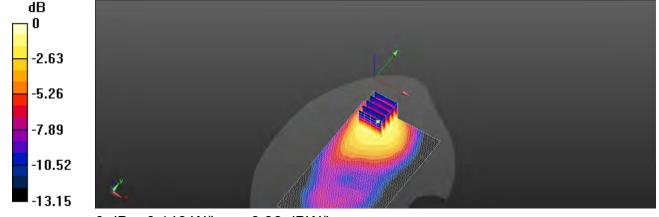
Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kq = -8.36 dBW/kq

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www.sgs.com.tw



Page: 681 of 939

Date: 2023/6/4

ID: 127

**Report No. :TESA2305000259ES** 

NR n38 (40MHz) Body-worn Front Surface CH 520000 Pi/2 BPSK 1-1 15mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2600 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2600 MHz;  $\sigma = 1.977 \text{ S/m}$ ;  $\varepsilon_r = 39.292$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2600 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.197 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.111 V/m; Power Drift = 0.13 dB

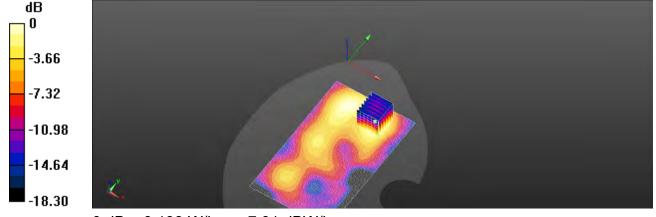
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kq = -7.01 dBW/kq

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Page: 682 of 939

Date: 2023/6/4

ID: 128

Report No.: TESA2305000259ES

NR n41 (100MHz) Body-worn Front Surface CH 509202 Pi/2 BPSK 1-1 15mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 2546.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2546.01 MHz;  $\sigma$  = 1.932 S/m;  $\epsilon_r$  = 39.449;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2546.01 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.609 V/m; Power Drift = 0.11 dB

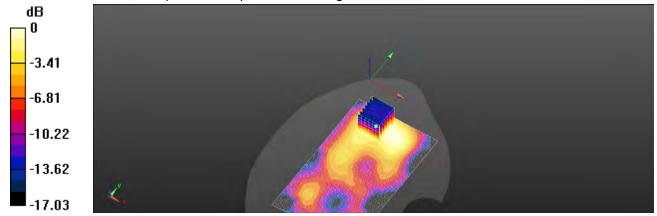
Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

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SGS Taiwan Ltd.



Page: 683 of 939

Date: 2023/7/3

ID: 129

Report No.: TESA2305000259ES

NR n77 (100MHz)\_Body-worn\_Front Surface\_CH 652400\_Pi/2 BPSK\_1-1\_15mm\_Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.246 S/m;  $\epsilon_r$  = 38.257;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3786 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.271 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.731 V/m; Power Drift = 0.10 dB

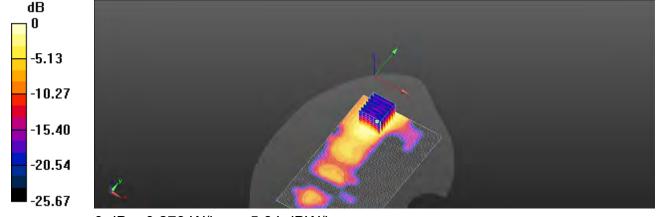
Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

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SGS Taiwan Ltd.



Page: 684 of 939

Date: 2023/6/10

ID: 130

Report No.: TESA2305000259ES

NR n77&n78 (100MHz) Body-worn Front Surface CH 633334 Pi/2 BPSK 1-

1 15mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.914 S/m;  $\epsilon_r$  = 38.935;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

## **DASY5** Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.96, 6.9, 6.91) @ 3500.01 MHz; Calibrated:

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.354 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.976 V/m; Power Drift = 0.11 dB

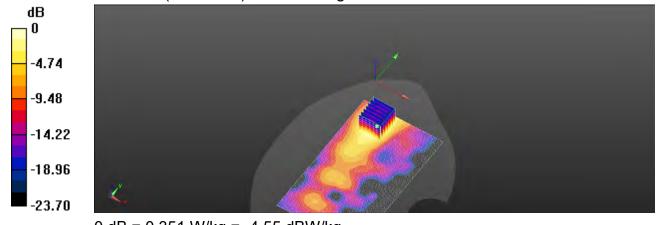
Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.108 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

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Page: 685 of 939

Date: 2023/7/3

ID: 131

Report No.: TESA2305000259ES

NR n78 (100MHz) Body-worn Front Surface CH 650000 Pi/2 BPSK 1-1 15mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.206 \text{ S/m}$ ;  $\epsilon_r = 38.331$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3750 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.668 V/m; Power Drift = 0.11 dB

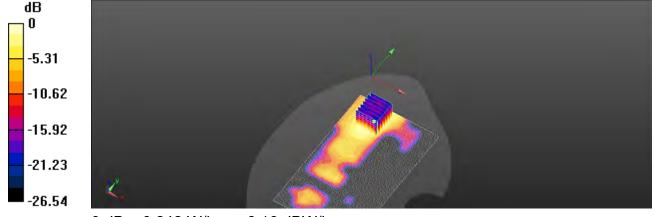
Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

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SGS Taiwan Ltd.



Page: 686 of 939

Date: 2023/5/20

ID: 132

**Report No. :TESA2305000259ES** 

LTE Band 5 (10MHz) Body-worn Front Surface CH 20600 QPSK 1-0 15mm Ant3

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma = 0.927$  S/m;  $\varepsilon_r = 42.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 844 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.58 V/m; Power Drift = -0.08 dB

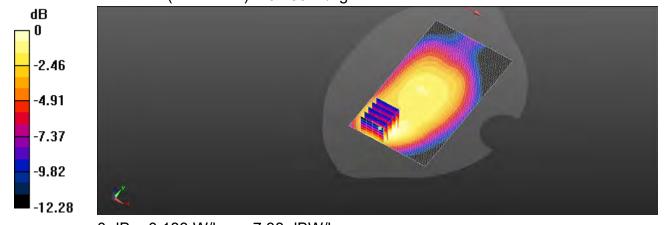
Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 q) = 0.144 W/kq; SAR(10 q) = 0.093 W/kq

Smallest distance from peaks to all points 3 dB below = 16.7 mm

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

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Page: 687 of 939

Date: 2023/5/17

ID: 133

**Report No. :TESA2305000259ES** 

LTE Band 12 (10MHz) Body-worn Front Surface CH 23060 QPSK 1-0 15mm Ant3

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma = 0.868$  S/m;  $\varepsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 704 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0478 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.578 V/m; Power Drift = -0.01 dB

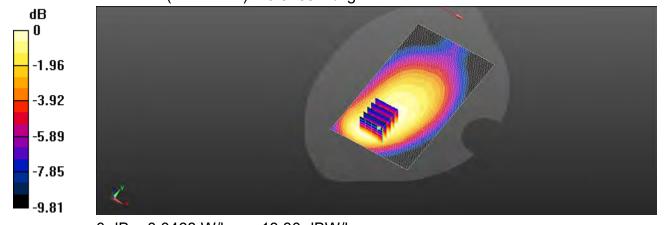
Peak SAR (extrapolated) = 0.0550 W/kg

SAR(1 q) = 0.038 W/kq; SAR(10 q) = 0.027 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 0.0468 W/kg



0 dB = 0.0468 W/kg = -13.30 dBW/kg

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Page: 688 of 939

Date: 2023/5/17

ID: 134

Report No.: TESA2305000259ES

LTE Band 17 (10MHz) Body-worn Front Surface CH 23800 QPSK 1-0 15mm Ant3

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.874 S/m;  $\varepsilon_r$  = 42.641;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 711 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0441 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.299 V/m; Power Drift = 0.19 dB

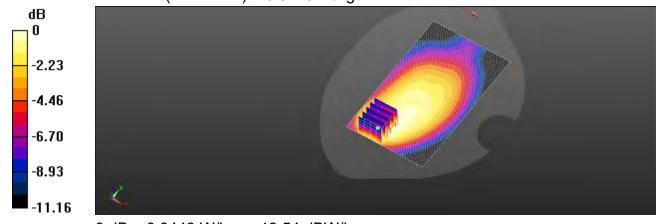
Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 q) = 0.036 W/kq; SAR(10 q) = 0.024 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.3%

Maximum value of SAR (measured) = 0.0443 W/kg



0 dB = 0.0443 W/kg = -13.54 dBW/kg

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Page: 689 of 939

Date: 2023/5/20

ID: 135

Report No.: TESA2305000259ES

LTE Band 26 (15MHz) Body-worn Front Surface CH 26765 QPSK 1-0 15mm Ant3

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma = 0.9 \text{ S/m}$ ;  $\epsilon_r = 42.199$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 821.5 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.155 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.93 V/m; Power Drift = -0.18 dB

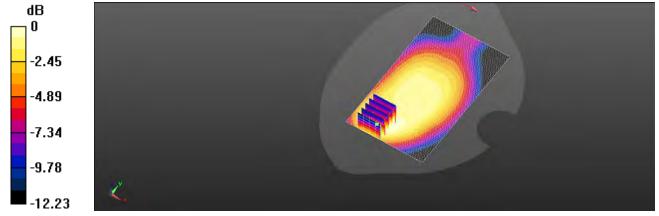
Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 q) = 0.118 W/kq; SAR(10 q) = 0.077 W/kq

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.5%

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

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Page: 690 of 939

Date: 2023/5/17

ID: 136

Report No.: TESA2305000259ES

LTE Band 71 (20MHz) Body-worn Front Surface CH 133222 QPSK 1-0 15mm Ant3

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma = 0.857$  S/m;  $\varepsilon_r = 42.958$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 673 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0239 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.128 V/m; Power Drift = 0.11 dB

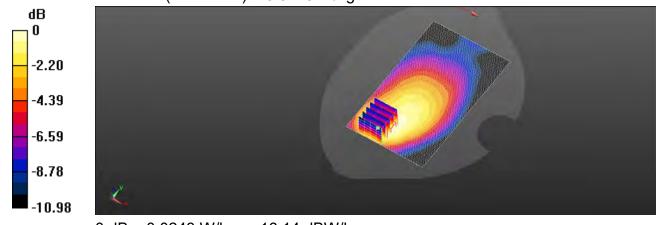
Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 q) = 0.020 W/kq; SAR(10 q) = 0.013 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.8%

Maximum value of SAR (measured) = 0.0243 W/kg



0 dB = 0.0243 W/kg = -16.14 dBW/kg

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SGS Taiwan Ltd.



Page: 691 of 939

Date: 2023/5/20

ID: 137

Report No.: TESA2305000259ES

NR n5 (20MHz) Body-worn Front Surface CH 167800 Pi/2 BPSK 1-1 15mm Ant3

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle=

1:1

Medium parameters used: f = 839 MHz;  $\sigma$  = 0.92 S/m;  $\varepsilon_r$  = 42.087;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 839 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.151 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.03 V/m; Power Drift = 0.09 dB

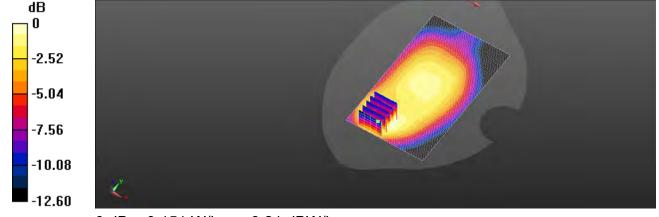
Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

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SGS Taiwan Ltd.



Page: 692 of 939

Date: 2023/5/17

ID: 138

**Report No. :TESA2305000259ES** 

NR n12 (15MHz)\_Body-worn\_Front Surface\_CH 141300\_Pi/2 BPSK\_1-1\_15mm\_Ant3

Communication System: 5G NR (15 MHz,Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 706.5 MHz;  $\sigma$  = 0.869 S/m;  $\varepsilon_r$  = 42.682;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

 Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 706.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0427 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

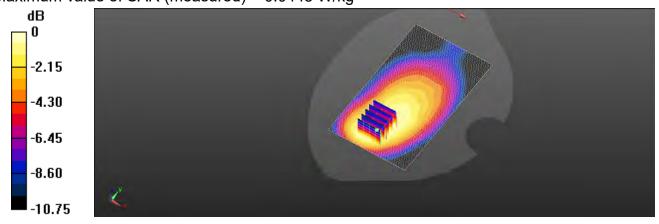
Reference Value = 5.854 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.0443 W/kg



0 dB = 0.0443 W/kg = -13.54 dBW/kg

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Page: 693 of 939

Date: 2023/5/17

ID: 139

Report No.: TESA2305000259ES

NR n71 (30MHz) Body-worn Front Surface CH 135600 Pi/2 BPSK 1-1 15mm Ant3

Communication System: 5G NR (30 MHz,Pi/2 QPSK, 15kHz); Frequency: 678 MHz; Duty

cycle= 1:1

Medium parameters used: f = 678 MHz;  $\sigma$  = 0.859 S/m;  $\varepsilon_r$  = 42.914;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 678 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0286 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

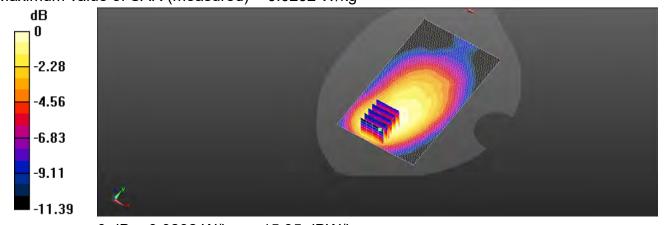
Reference Value = 4.703 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 0.0292 W/kg



0 dB = 0.0292 W/kg = -15.35 dBW/kg

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Page: 694 of 939

Date: 2023/5/29

ID: 140

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Body-worn Front Surface CH 19100 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.429 \text{ S/m}$ ;  $\varepsilon_r = 40.962$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.12, 8.05, 8.74) @ 1900 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0911 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.524 V/m; Power Drift = 0.07 dB

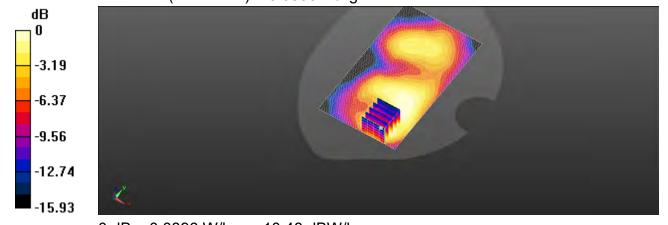
Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 q) = 0.064 W/kq; SAR(10 q) = 0.035 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 0.0896 W/kg



0 dB = 0.0896 W/kg = -10.48 dBW/kg

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Page: 695 of 939

Date: 2023/5/24

ID: 141

Report No.: TESA2305000259ES

LTE Band 4 (20MHz) Body-worn Front Surface CH 20175 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 1732.5 MHz;  $\sigma$  = 1.339 S/m;  $ε_r$  = 39.799; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1732.5 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0918 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.833 V/m; Power Drift = 0.18 dB

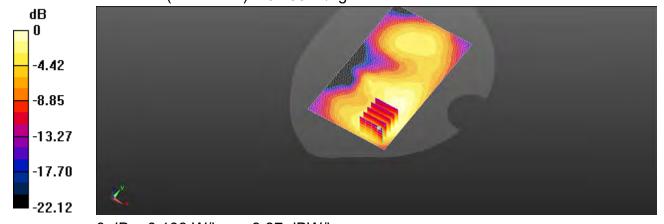
Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 q) = 0.071 W/kq; SAR(10 q) = 0.039 W/kq

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

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Page: 696 of 939

Date: 2023/6/5

ID: 142

Report No.: TESA2305000259ES

LTE Band 7 (20MHz) Body-worn Back Surface CH 20850 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 2510 MHz; Duty cycle= 1:1

Medium parameters used: f = 2510 MHz;  $\sigma = 1.898 \text{ S/m}$ ;  $\varepsilon_r = 39.625$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2510 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.121 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.558 V/m; Power Drift = 0.07 dB

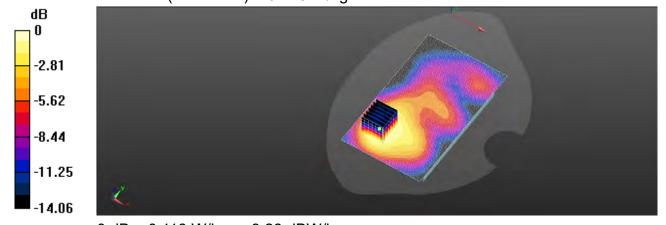
Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 q) = 0.089 W/kq; SAR(10 q) = 0.053 W/kq

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg = -9.28 dBW/kg

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Page: 697 of 939

Date: 2023/5/29

ID: 143

Report No.: TESA2305000259ES

LTE Band 25 (20MHz) Body-worn Front Surface CH 26590 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1

Medium parameters used: f = 1905 MHz;  $\sigma = 1.433 \text{ S/m}$ ;  $\varepsilon_r = 40.956$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1905 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.048 V/m; Power Drift = 0.04 dB

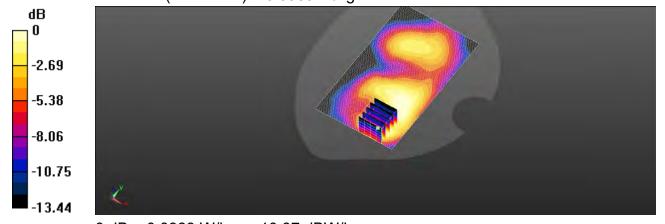
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 q) = 0.069 W/kq; SAR(10 q) = 0.037 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 0.0983 W/kg



0 dB = 0.0983 W/kg = -10.07 dBW/kg

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Page: 698 of 939

Date: 2023/6/3

ID: 144

Report No.: TESA2305000259ES

LTE Band 30 (10MHz) Body-worn Front Surface CH 27710 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.691 \text{ S/m}$ ;  $\varepsilon_r = 39.94$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.06, 7.96, 7.99) @ 2310 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.104 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.951 V/m; Power Drift = 0.03 dB

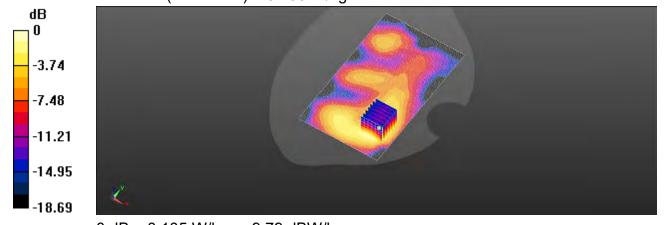
Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 q) = 0.075 W/kq; SAR(10 q) = 0.040 W/kq

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 55.8%

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

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SGS Taiwan Ltd.



Page: 699 of 939

Date: 2023/5/24

ID: 145

**Report No. :TESA2305000259ES** 

LTE Band 66 (20MHz) Body-worn Front Surface CH 132072 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.327 \text{ S/m}$ ;  $\varepsilon_r = 39.822$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1720 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0904 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.611 V/m; Power Drift = 0.18 dB

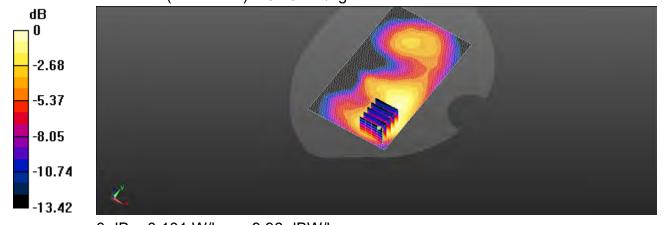
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 q) = 0.070 W/kq; SAR(10 q) = 0.038 W/kq

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

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Page: 700 of 939

Date: 2023/6/5

ID: 146

Report No.: TESA2305000259ES

LTE Band 38 (20MHz) Body-worn Back Surface CH 38150 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 2610 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2610 MHz;  $\sigma = 1.983 \text{ S/m}$ ;  $\epsilon_r = 39.407$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2610 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0766 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.924 V/m; Power Drift = 0.14 dB

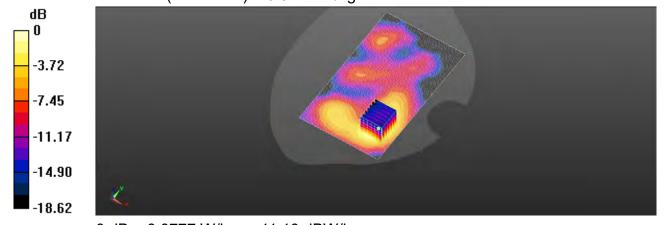
Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 q) = 0.062 W/kq; SAR(10 q) = 0.037 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 0.0777 W/kg



0 dB = 0.0777 W/kg = -11.10 dBW/kg

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SGS Taiwan Ltd.



Page: 701 of 939

Date: 2023/6/5

ID: 147

Report No.: TESA2305000259ES

LTE Band 41 (20MHz) Body-worn Back Surface CH 41055 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 2636.5 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2636.5 MHz;  $\sigma$  = 2.004 S/m;  $\epsilon_r$  = 39.352;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2636.5 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0593 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

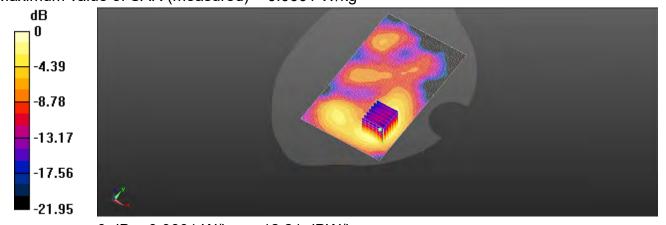
Reference Value = 3.577 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 0.0601 W/kg



0 dB = 0.0601 W/kq = -12.21 dBW/kq

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Page: 702 of 939

Date: 2023/6/10

ID: 148

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Body-worn Back Surface CH 42590 QPSK 1-0 15mm Ant4

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.913 \text{ S/m}$ ;  $\varepsilon_r = 38.935$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.220 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.917 V/m; Power Drift = 0.16 dB

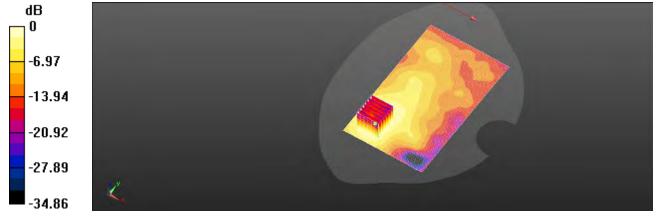
Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 q) = 0.150 W/kq; SAR(10 q) = 0.074 W/kq

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

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Page: 703 of 939

Date: 2023/5/29

ID: 149

Report No.: TESA2305000259ES

NR n2 (20MHz) Body-worn Front Surface CH 376000 Pi/2 BPSK 1-1 15mm Ant4 Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.42 S/m;  $\varepsilon_r$  = 40.991;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0753 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.149 V/m; Power Drift = 0.05 dB

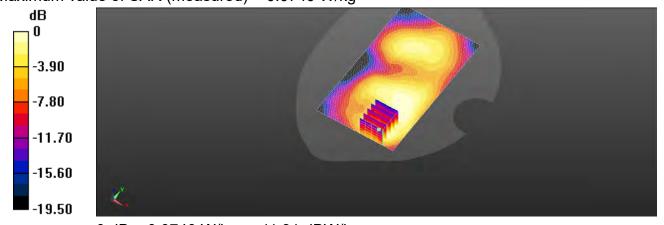
Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 0.0740 W/kg



0 dB = 0.0740 W/kq = -11.31 dBW/kq

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Page: 704 of 939

Date: 2023/6/5

ID: 150

Report No.: TESA2305000259ES

NR n7 (40MHz) Body-worn Back Surface CH 504000 Pi/2 BPSK 1-1 15mm Ant4

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2520 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2520 MHz;  $\sigma = 1.908 \text{ S/m}$ ;  $\epsilon_r = 39.614$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2520 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.133 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.565 V/m; Power Drift = 0.07 dB

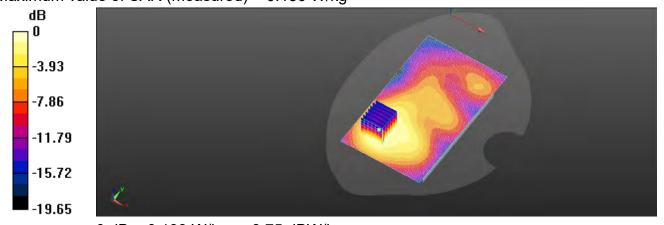
Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.056 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.133 W/kg = -8.75 dBW/kg

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Page: 705 of 939

Date: 2023/5/29

ID: 151

Report No.: TESA2305000259ES

NR n25 (40MHz) Body-worn Front Surface CH 379000 Pi/2 BPSK 1-1 15mm Ant4 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1895 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1895 MHz;  $\sigma$  = 1.424 S/m;  $\varepsilon_r$  = 40.968;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1895 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0717 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

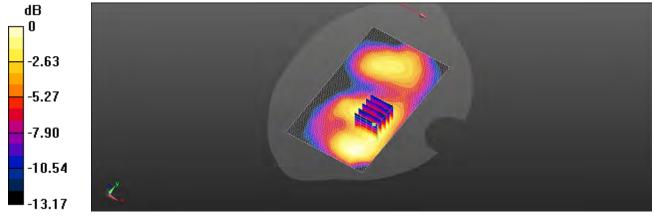
Reference Value = 3.462 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.037 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 0.0739 W/kg



0 dB = 0.0739 W/kq = -11.31 dBW/kq

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Page: 706 of 939

Date: 2023/5/24

ID: 152

Report No.: TESA2305000259ES

NR n66 (40MHz) Body-worn Front Surface CH 346000 Pi/2 BPSK 1-1 15mm Ant4 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1730 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1730 MHz;  $\sigma$  = 1.337 S/m;  $\epsilon_r$  = 39.8;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1730 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0617 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

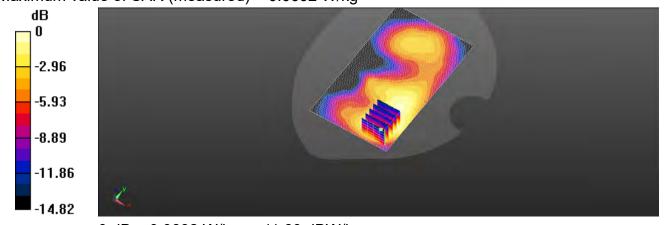
Reference Value = 2.557 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.030 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.0692 W/kg



0 dB = 0.0692 W/kg = -11.60 dBW/kg

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SGS Taiwan Ltd.



Page: 707 of 939

Date: 2023/6/5

ID: 153

Report No.: TESA2305000259ES

NR n38 (40MHz) Body-worn Back Surface CH 520000 Pi/2 BPSK 1-1 15mm Ant4 Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2600 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2600 MHz;  $\sigma = 1.975 \text{ S/m}$ ;  $\varepsilon_r = 39.422$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

## DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2600 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.175 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.317 V/m; Power Drift = 0.13 dB

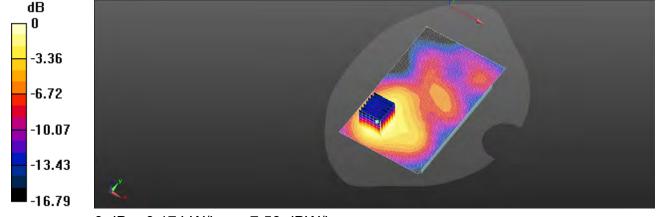
Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 17.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

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Page: 708 of 939

Date: 2023/6/5

ID: 154

Report No.: TESA2305000259ES

NR n41 (100MHz)\_Body-worn\_Back Surface\_CH 509202\_Pi/2 BPSK\_1-1\_15mm\_Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 2546.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2546.01 MHz;  $\sigma$  = 1.93 S/m;  $\epsilon_r$  = 39.579;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2546.01 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.258 V/m; Power Drift = 0.13 dB

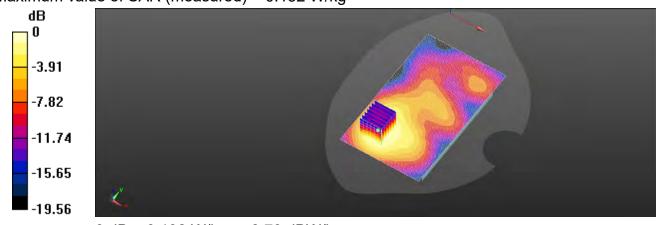
Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.056 W/kg

Smallest distance from peaks to all points 3 dB below = 16.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

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Page: 709 of 939

Date: 2023/7/3

ID: 155

**Report No. :TESA2305000259ES** 

NR n77 (100MHz) Body-worm Back Surface CH 652400 Pi/2 BPSK 1-1 15mm Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma = 3.246$  S/m;  $\varepsilon_r = 38.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3786 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.525 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.702 V/m; Power Drift = 0.05 dB

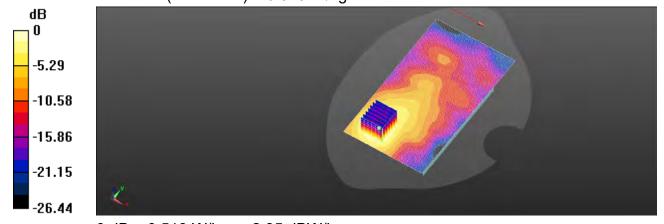
Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.160 W/kg

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 50.5%

Maximum value of SAR (measured) = 0.519 W/kg



0 dB = 0.519 W/kg = -2.85 dBW/kg

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Page: 710 of 939

Date: 2023/6/10

ID: 156

Report No.: TESA2305000259ES

NR n77&n78 (100MHz)\_Body-worn\_Back Surface\_CH 633334\_Pi/2 BPSK\_1-1\_15mm\_Ant4 Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.914 S/m;  $\epsilon_r$  = 38.935;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

### **DASY5** Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500.01 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.304 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.174 V/m; Power Drift = 0.15 dB

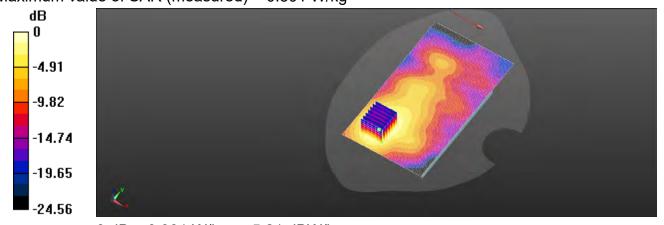
Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.100 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

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Page: 711 of 939

Date: 2023/7/3

ID: 157

**Report No. :TESA2305000259ES** 

NR n78 (100MHz) Body-worn Back Surface CH 650000 Pi/2 BPSK 1-1 15mm Ant4

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.206 \text{ S/m}$ ;  $\epsilon_r = 38.331$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3750 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.464 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.487 V/m; Power Drift = 0.06 dB

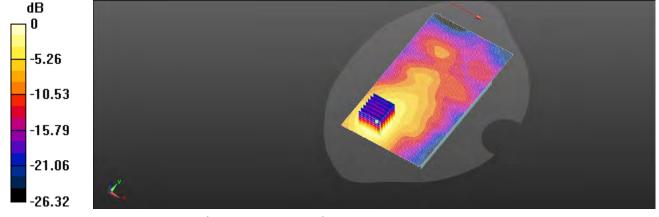
Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.146 W/kg

Smallest distance from peaks to all points 3 dB below = 16.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

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Page: 712 of 939

Date: 2023/6/11

ID: 158

**Report No. :TESA2305000259ES** 

LTE Band 42 (20MHz) Body-worn Front Surface CH 42590 QPSK 1-0 15mm Ant5

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma$  = 2.92 S/m;  $\varepsilon_r$  = 39.045;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 5.805 V/m; Power Drift = 0.18 dB

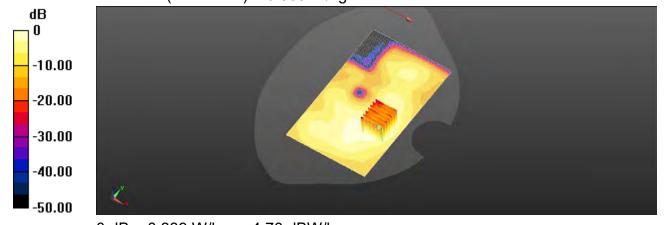
Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 q) = 0.220 W/kq; SAR(10 q) = 0.106 W/kq

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

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Page: 713 of 939

Date: 2023/7/4

ID: 159

Report No.: TESA2305000259ES

NR n77 (100MHz)\_Body-worn\_Front Surface\_CH 652400\_Pi/2 BPSK\_1-1\_15mm\_Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.255 S/m;  $\epsilon_r$  = 38.127;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3786 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.273 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.233 V/m; Power Drift = 0.04 dB

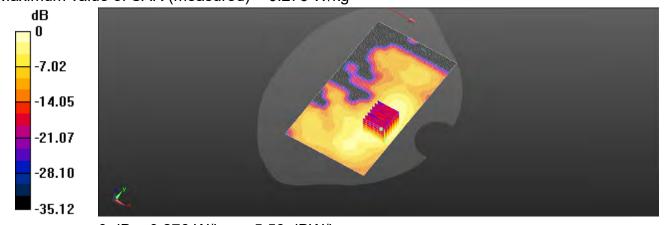
Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

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Page: 714 of 939

Date: 2023/6/11

ID: 160

Report No.: TESA2305000259ES

NR n77&n78 (100MHz) Body-worn Front Surface CH 633334 Pi/2 BPSK 1-

1 15mm Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.921 S/m;  $\epsilon_r$  = 39.045;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

### **DASY5** Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.96, 6.9, 6.91) @ 3500.01 MHz; Calibrated:

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.944 V/m; Power Drift = -0.12 dB

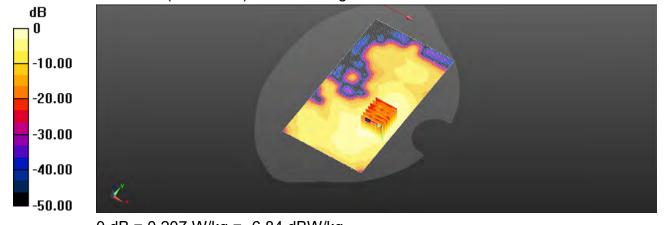
Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

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SGS Taiwan Ltd.



Page: 715 of 939

Date: 2023/7/4

ID: 161

Report No.: TESA2305000259ES

NR n78 (100MHz) Body-worn Front Surface CH 650000 Pi/2 BPSK 1-1 15mm Ant5

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma = 3.215 \text{ S/m}$ ;  $\epsilon_r = 38.201$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3750 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.226 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.615 V/m; Power Drift = 0.04 dB

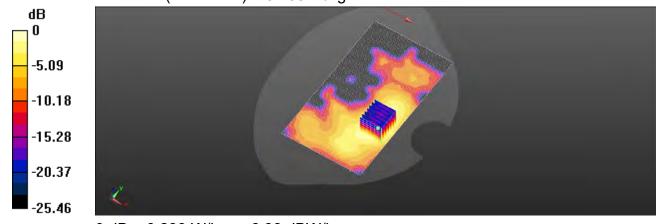
Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.069 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

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Page: 716 of 939

Date: 2023/6/11

ID: 162

**Report No. :TESA2305000259ES** 

LTE Band 42 (20MHz) Body-worn Back Surface CH 42590 QPSK 1-0 15mm Ant6

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma$  = 2.92 S/m;  $\varepsilon_r$  = 39.045;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: Twin-SAM V4.0 (20deg probe tilt)
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.536 V/m; Power Drift = 0.17 dB

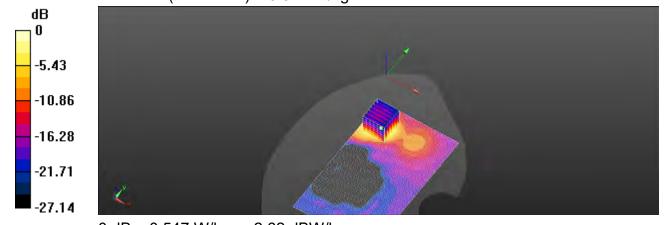
Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 q) = 0.345 W/kq; SAR(10 q) = 0.148 W/kq

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

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Page: 717 of 939

Date: 2023/7/4

ID: 163

Report No.: TESA2305000259ES

NR n77 (100MHz) Body-worm Back Surface CH 652400 Pi/2 BPSK 1-1 15mm Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.255 S/m;  $\epsilon_r$  = 38.127;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3786 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.370 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.482 V/m; Power Drift = 0.07 dB

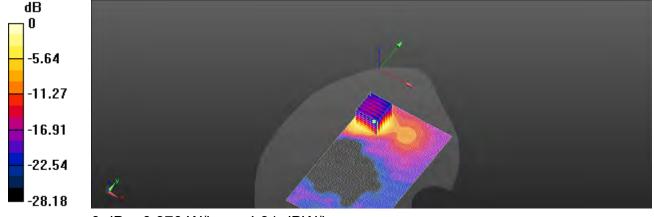
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.056 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.370 W/kq = -4.31 dBW/kq

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Page: 718 of 939

Date: 2023/6/11

ID: 164

Report No.: TESA2305000259ES

NR n77&n78 (100MHz)\_Body-worm\_Back Surface CH 633334 Pi/2 BPSK 1-

1 15mm Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.921 S/m;  $\epsilon_r$  = 39.045;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

### **DASY5** Configuration:

- Probe: EX3DV4 SN7642; ConvF(6.96, 6.9, 6.91) @ 3500.01 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.528 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.622 V/m; Power Drift = 0.05 dB

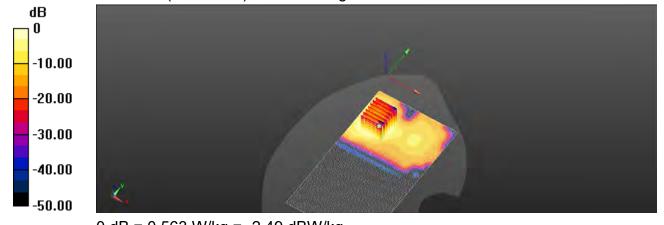
Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.148 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

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Page: 719 of 939

Date: 2023/7/4

ID: 165

**Report No. :TESA2305000259ES** 

NR n78 (100MHz) Body-worn Back Surface CH 650000 Pi/2 BPSK 1-1 15mm Ant6

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma$  = 3.215 S/m;  $\epsilon_r$  = 38.201;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3750 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.548 V/m; Power Drift = 0.09 dB

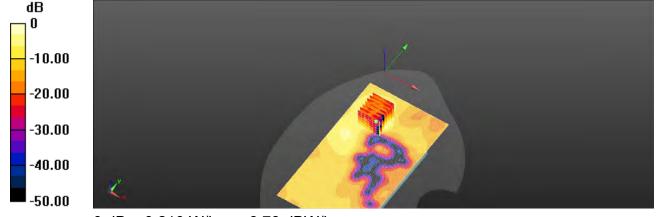
Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.049 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

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Page: 720 of 939

Date: 2023/5/30

ID: 166

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Hotspot Left Edge CH 18700 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma = 1.398 \text{ S/m}$ ;  $\varepsilon_r = 41.155$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1860 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.431 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.691 V/m; Power Drift = -0.15 dB

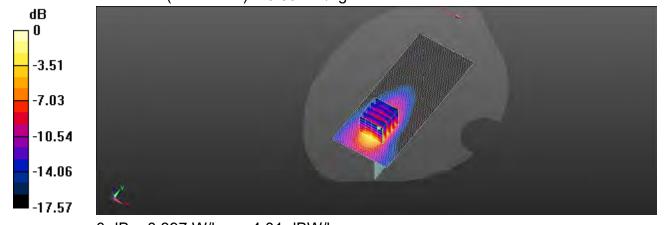
Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 q) = 0.281 W/kq; SAR(10 q) = 0.144 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

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Page: 721 of 939

Date: 2023/5/25

ID: 167

Report No.: TESA2305000259ES

LTE Band 4 (20MHz) Hotspot Left Edge CH 20300 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.353 \text{ S/m}$ ;  $\varepsilon_r = 39.616$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1745 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.272 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.871 V/m; Power Drift = 0.11 dB

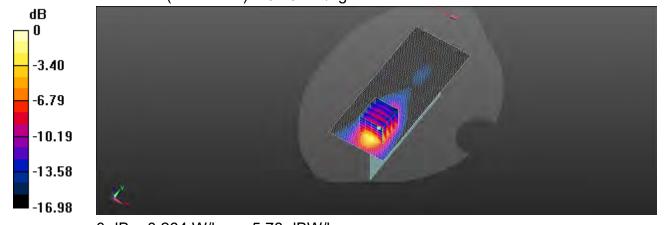
Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 q) = 0.225 W/kq; SAR(10 q) = 0.143 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

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Page: 722 of 939

Date: 2023/5/21

ID: 168

Report No.: TESA2305000259ES

LTE Band 5 (10MHz)\_Hotspot\_Left Edge\_CH 20600\_QPSK\_1-0\_10mm\_Ant1

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma = 0.932$  S/m;  $\varepsilon_r = 42.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 844 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

# Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = 0.01 dB

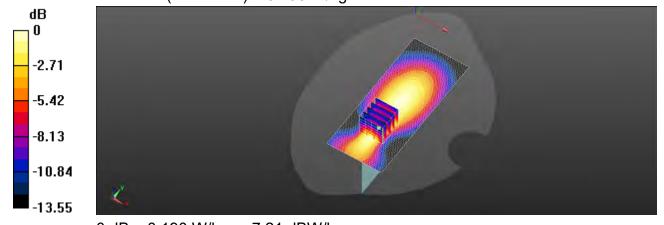
Peak SAR (extrapolated) = 0.234 W/kg

# SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

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Page: 723 of 939

Date: 2023/5/18

ID: 169

**Report No. :TESA2305000259ES** 

LTE Band 12 (10MHz) Hotspot Left Edge CH 23060 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma$  = 0.872 S/m;  $\varepsilon_r$  = 42.677;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 704 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

# **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.34 V/m; Power Drift = -0.01 dB

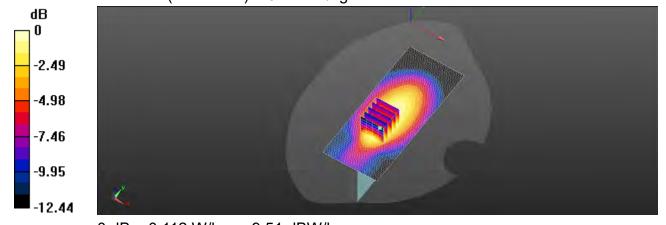
Peak SAR (extrapolated) = 0.133 W/kg

# SAR(1 q) = 0.089 W/kq; SAR(10 q) = 0.061 W/kq

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.5%

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg

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Page: 724 of 939

Date: 2023/5/18

ID: 170

**Report No. :TESA2305000259ES** 

LTE Band 17 (10MHz) Hotspot Left Edge CH 23800 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.878 S/m;  $\varepsilon_r$  = 42.521;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 711 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.69 V/m; Power Drift = 0.01 dB

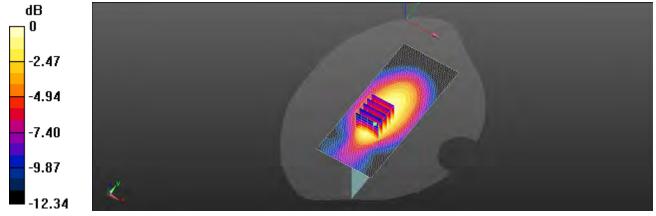
Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 q) = 0.096 W/kq; SAR(10 q) = 0.066 W/kq

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

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Page: 725 of 939

Date: 2023/5/30

ID: 171

**Report No. :TESA2305000259ES** 

LTE Band 25 (20MHz) Hotspot Left Edge CH 26140 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1

Medium parameters used: f = 1860 MHz;  $\sigma = 1.398 \text{ S/m}$ ;  $\varepsilon_r = 41.155$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1860 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.359 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.133 V/m; Power Drift = 0.12 dB

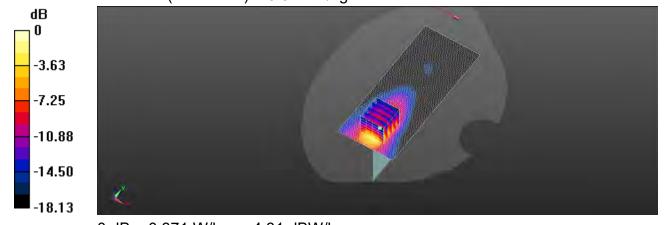
Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 q) = 0.276 W/kq; SAR(10 q) = 0.149 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

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Page: 726 of 939

Date: 2023/5/21

ID: 172

**Report No. :TESA2305000259ES** 

LTE Band 26 (15MHz) Hotspot Left Edge CH 26765 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma$  = 0.905 S/m;  $\varepsilon_r$  = 42.379;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 821.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.205 W/kg

# **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

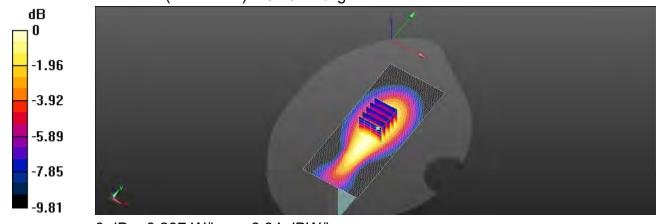
Reference Value = 15.58 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.232 W/kg

# SAR(1 q) = 0.171 W/kq; SAR(10 q) = 0.119 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid Ratio of SAR at M2 to SAR at M1 = 73.3%

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

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Page: 727 of 939

Date: 2023/6/3

ID: 173

**Report No. :TESA2305000259ES** 

LTE Band 30 (10MHz) Hotspot Left Edge CH 27710 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.691 \text{ S/m}$ ;  $\varepsilon_r = 39.94$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.06, 7.96, 7.99) @ 2310 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x161x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0343 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.795 V/m; Power Drift = -0.02 dB

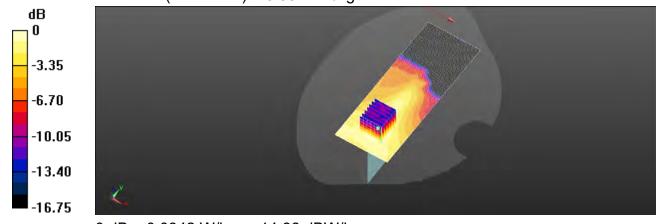
Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 q) = 0.025 W/kq; SAR(10 q) = 0.015 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.0342 W/kg



0 dB = 0.0342 W/kg = -14.66 dBW/kg

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Page: 728 of 939

Date: 2023/5/25

ID: 174

**Report No. :TESA2305000259ES** 

LTE Band 66 (20MHz) Hotspot Left Edge CH 132572 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 1770 MHz; Duty cycle= 1:1

Medium parameters used: f = 1770 MHz;  $\sigma = 1.377 \text{ S/m}$ ;  $\varepsilon_r = 39.556$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1770 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.973 V/m; Power Drift = 0.13 dB

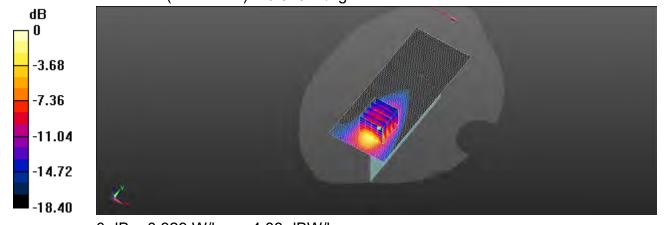
Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 q) = 0.244 W/kq; SAR(10 q) = 0.132 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

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Page: 729 of 939

Date: 2023/5/18

ID: 175

**Report No. :TESA2305000259ES** 

LTE Band 71 (20MHz) Hotspot Left Edge CH 133222 QPSK 1-0 10mm Ant1

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma$  = 0.861 S/m;  $\varepsilon_r$  = 42.882;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 673 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.155 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.05 V/m; Power Drift = 0.08 dB

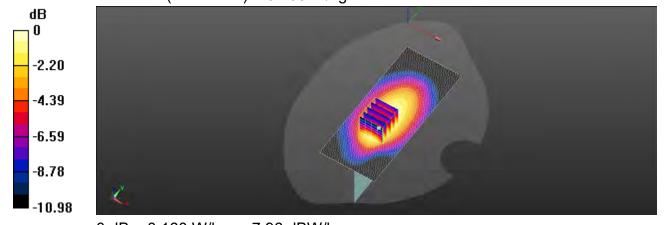
Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 q) = 0.130 W/kq; SAR(10 q) = 0.091 W/kq

Smallest distance from peaks to all points 3 dB below = 15.1 mm

Ratio of SAR at M2 to SAR at M1 = 67.3%

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg = -7.96 dBW/kg

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Page: 730 of 939

Date: 2023/5/30

ID: 176

Report No.: TESA2305000259ES

NR n2 (20MHz)\_Hotspot\_Left Edge\_CH 376000\_Pi/2 BPSK\_1-1\_10mm\_Ant1

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma$  = 1.416 S/m;  $\epsilon_r$  = 41.101;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.769 V/m; Power Drift = 0.08 dB

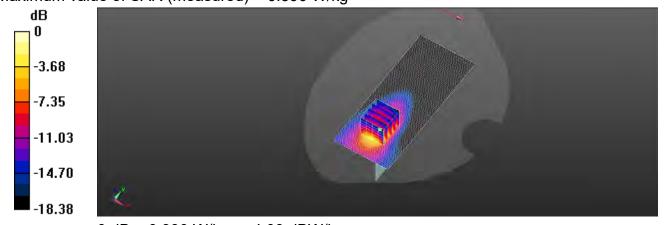
Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

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Page: 731 of 939

Date: 2023/5/21

ID: 177

Report No.: TESA2305000259ES

NR n5 (20MHz) Hotspot Left Edge CH 167800 Pi/2 BPSK 1-1 10mm Ant1

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle=

1:1

Medium parameters used: f = 839 MHz;  $\sigma$  = 0.925 S/m;  $\varepsilon_r$  = 42.267;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.95, 9.92, 9.79) @ 839 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.46 V/m; Power Drift = 0.02 dB

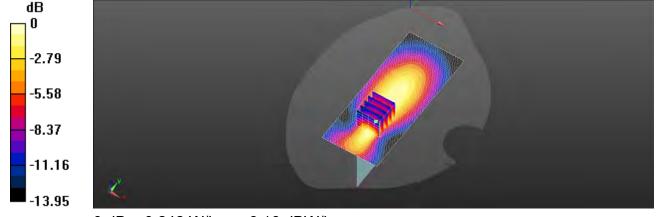
Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.105 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

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Page: 732 of 939

Date: 2023/5/18

ID: 178

Report No.: TESA2305000259ES

NR n12 (15MHz) Hotspot Left Edge CH 141300 Pi/2 BPSK 1-1 10mm Ant1

Communication System: 5G NR (15 MHz,Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 706.5 MHz;  $\sigma$  = 0.873 S/m;  $\epsilon_r$  = 42.57;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 706.5 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.39 V/m; Power Drift = 0.05 dB

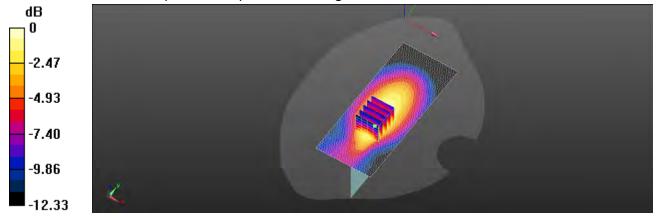
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

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Page: 733 of 939

Date: 2023/5/30

ID: 179

**Report No. :TESA2305000259ES** 

NR n25 (40MHz)\_Hotspot\_Left Edge\_CH 376500\_Pi/2 BPSK\_1-1\_10mm\_Ant1

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1882.5 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1882.5 MHz;  $\sigma$  = 1.418 S/m;  $ε_r$  = 41.099; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

 Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1882.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.350 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.238 V/m; Power Drift = 0.04 dB

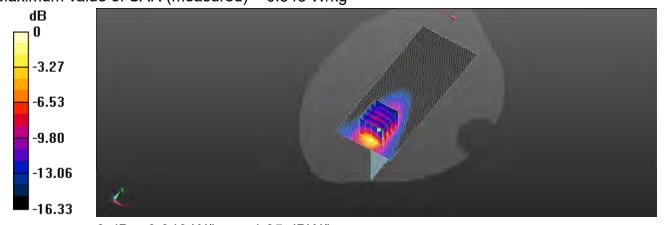
Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.145 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -4.65 dBW/kg

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Page: 734 of 939

Date: 2023/5/25

ID: 180

Report No.: TESA2305000259ES

NR n66 (40MHz)\_Hotspot\_Left Edge\_CH 352000\_Pi/2 BPSK\_1-1\_10mm\_Ant1

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1760 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1760 MHz;  $\sigma$  = 1.366 S/m;  $\epsilon_r$  = 39.581;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1760 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.997 V/m; Power Drift = -0.07 dB

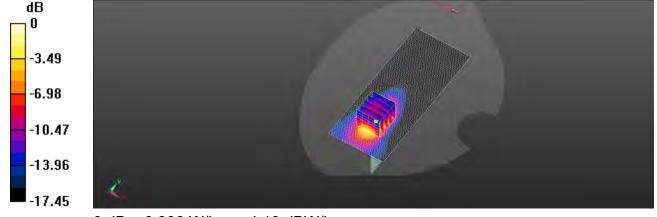
Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.145 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

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Page: 735 of 939

Date: 2023/5/18

ID: 181

Report No.: TESA2305000259ES

NR n71 (30MHz) Hotspot Left Edge CH 135600 Pi/2 BPSK 1-1 10mm Ant1

Communication System: 5G NR (30 MHz,Pi/2 QPSK, 15kHz); Frequency: 678 MHz; Duty

cycle= 1:1

Medium parameters used: f = 678 MHz;  $\sigma$  = 0.863 S/m;  $\varepsilon_r$  = 42.828;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 678 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.47 V/m; Power Drift = -0.01 dB

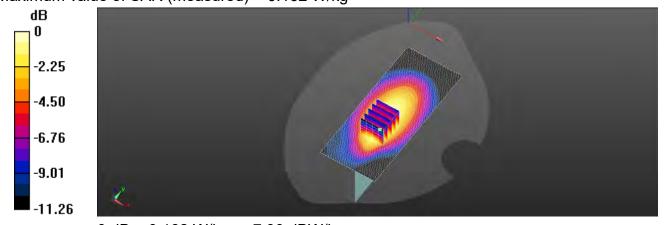
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.086 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

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Page: 736 of 939

Date: 2023/5/31

ID: 182

Report No.: TESA2305000259ES

LTE Band 2 (20MHz) Hotspot Bottom Edge CH 19100 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.423 \text{ S/m}$ ;  $\varepsilon_r = 41.152$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1900 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.634 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.07 V/m; Power Drift = 0.06 dB

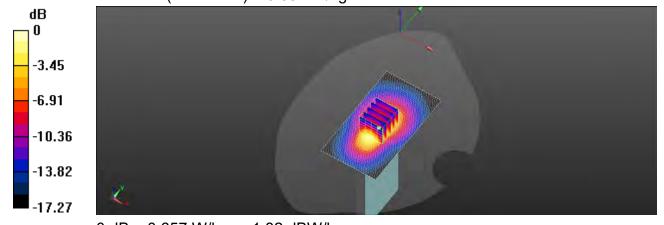
Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 q) = 0.512 W/kq; SAR(10 q) = 0.303 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.657 W/kg = -1.82 dBW/kg

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Page: 737 of 939

Date: 2023/5/26

ID: 183

Report No.: TESA2305000259ES

LTE Band 4 (20MHz) Hotspot Bottom Edge CH 20175 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 1732.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 1732.5 MHz;  $\sigma$  = 1.346 S/m;  $ε_r$  = 39.449; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.3°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1732.5 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.794 W/kg

# **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.27 V/m; Power Drift = -0.17 dB

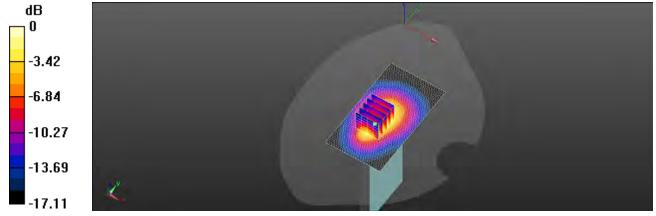
Peak SAR (extrapolated) = 0.898 W/kg

# SAR(1 q) = 0.549 W/kq; SAR(10 q) = 0.309 W/kq

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg = -1.27 dBW/kg

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Page: 738 of 939

Date: 2023/6/6

ID: 184

Report No.: TESA2305000259ES

LTE Band 7 (20MHz) Hotspot Bottom Edge CH 20850 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 2510 MHz; Duty cycle= 1:1

Medium parameters used: f = 2510 MHz;  $\sigma = 1.893 \text{ S/m}$ ;  $\varepsilon_r = 39.785$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.8°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2510 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.969 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.21 V/m; Power Drift = -0.18 dB

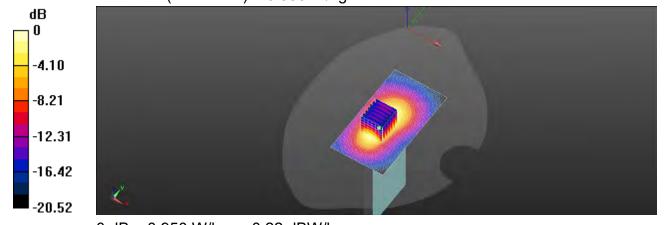
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 q) = 0.663 W/kq; SAR(10 q) = 0.337 W/kq

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg

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Page: 739 of 939

Date: 2023/5/31

ID: 185

**Report No. :TESA2305000259ES** 

LTE Band 25 (20MHz) Hotspot Bottom Edge CH 26590 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1

Medium parameters used: f = 1905 MHz;  $\sigma = 1.427 \text{ S/m}$ ;  $\varepsilon_r = 41.146$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.17, 8.08, 8.11) @ 1905 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.742 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.72 V/m; Power Drift = 0.08 dB

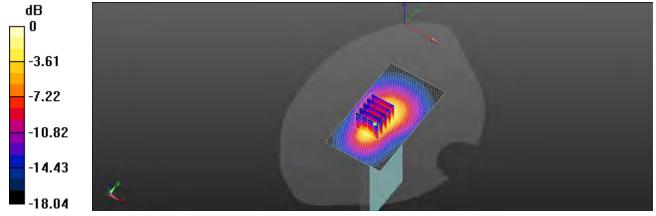
Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 q) = 0.547 W/kq; SAR(10 q) = 0.302 W/kq

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 0.753 W/kg



0 dB = 0.753 W/kg = -1.23 dBW/kg

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Page: 740 of 939

Date: 2023/6/3

ID: 186

**Report No. :TESA2305000259ES** 

LTE Band 30 (10MHz) Hotspot Bottom Edge CH 27710 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: f = 2310 MHz;  $\sigma = 1.691 \text{ S/m}$ ;  $\varepsilon_r = 39.94$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.06, 7.96, 7.99) @ 2310 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.394 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.74 V/m; Power Drift = 0.09 dB

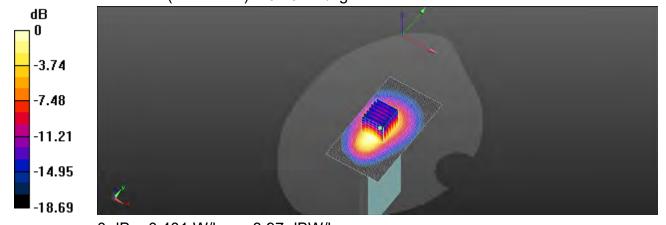
Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 q) = 0.305 W/kq; SAR(10 q) = 0.172 W/kq

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 0.401 W/kg



0 dB = 0.401 W/kg = -3.97 dBW/kg

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Page: 741 of 939

Date: 2023/5/26

ID: 187

Report No.: TESA2305000259ES

LTE Band 66 (20MHz)\_Hotspot\_Bottom Edge\_CH 132072\_QPSK\_1-0\_10mm\_Ant2

Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.334 \text{ S/m}$ ;  $\varepsilon_r = 39.472$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.3°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(8.5, 8.42, 8.36) @ 1720 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.12 V/m; Power Drift = 0.07 dB

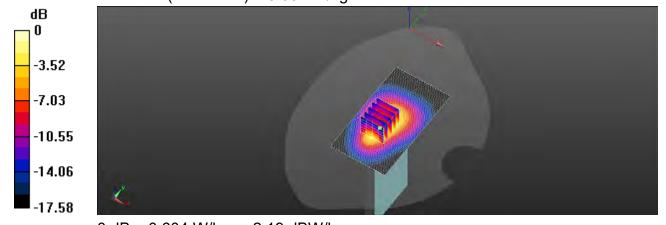
Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 q) = 0.438 W/kq; SAR(10 q) = 0.246 W/kq

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

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Page: 742 of 939

Date: 2023/6/6

ID: 188

Report No.: TESA2305000259ES

LTE Band 38 (20MHz) Hotspot Bottom Edge CH 38150 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 2610 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2610 MHz;  $\sigma = 1.978 \text{ S/m}$ ;  $\varepsilon_r = 39.567$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2610 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.709 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.34 V/m; Power Drift = -0.03 dB

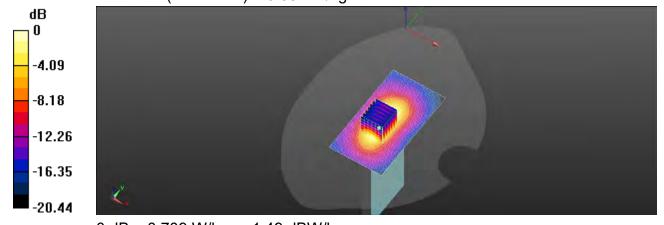
Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 q) = 0.463 W/kq; SAR(10 q) = 0.231 W/kq

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.681 W/kg



0 dB = 0.709 W/kg = -1.49 dBW/kg

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Page: 743 of 939

Date: 2023/6/6

ID: 189

**Report No. :TESA2305000259ES** 

LTE Band 41 (20MHz) Hotspot Bottom Edge CH 41055 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 2636.5 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 2636.5 MHz;  $\sigma$  = 1.999 S/m;  $ε_r$  = 39.512; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.8°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(7.71, 7.59, 7.66) @ 2636.5 MHz; Calibrated:
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.680 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = -0.10 dB

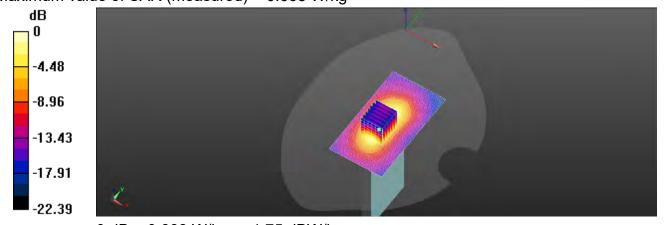
Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

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Page: 744 of 939

Date: 2023/6/12

ID: 190

Report No.: TESA2305000259ES

LTE Band 42 (20MHz) Hotspot Bottom Edge CH 42590 QPSK 1-0 10mm Ant2

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used: f = 3500 MHz;  $\sigma = 2.927 \text{ S/m}$ ;  $\varepsilon_r = 39.185$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.96, 6.9, 6.91) @ 3500 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.929 V/m; Power Drift = -0.05 dB

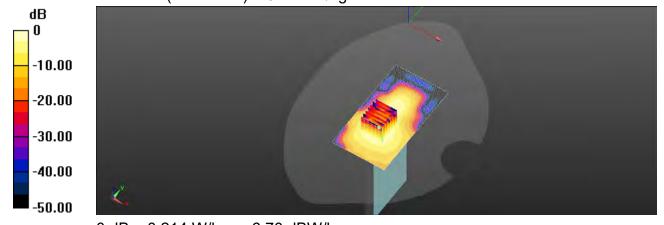
Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 q) = 0.135 W/kq; SAR(10 q) = 0.059 W/kq

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

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Page: 745 of 939

Date: 2023/5/31

ID: 191

Report No.: TESA2305000259ES

NR n2 (20MHz) Hotspot Bottom Edge CH 376000 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1880 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.414 \text{ S/m}$ ;  $\epsilon_r = 41.181$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1880 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.35 V/m; Power Drift = 0.10 dB

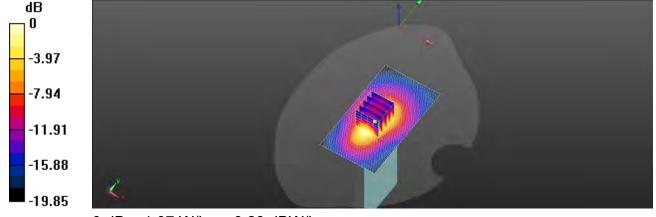
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.435 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.07 W/kq = 0.28 dBW/kq

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Page: 746 of 939

Date: 2023/6/7

ID: 192

**Report No. :TESA2305000259ES** 

NR n7 (40MHz) Hotspot Bottom Edge CH 504000 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2520 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2520 MHz;  $\sigma = 1.901 \text{ S/m}$ ;  $\epsilon_r = 39.783$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2520 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.97 V/m; Power Drift = 0.08 dB

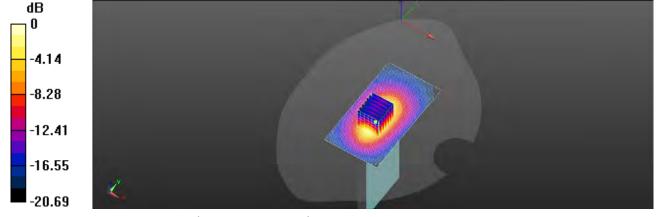
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.398 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

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Page: 747 of 939

Date: 2023/5/31

ID: 193

**Report No. :TESA2305000259ES** 

NR n25 (40MHz) Hotspot Bottom Edge CH 379000 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1895 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1895 MHz;  $\sigma = 1.418 \text{ S/m}$ ;  $\epsilon_r = 41.158$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.17, 8.08, 8.11) @ 1895 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.71 V/m; Power Drift = 0.07 dB

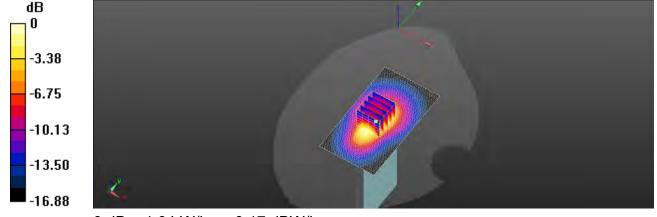
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.429 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

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台灣檢驗科技股份有限公司



Page: 748 of 939

Date: 2023/5/26

ID: 194

**Report No. :TESA2305000259ES** 

NR n66 (40MHz) Hotspot Bottom Edge CH 346000 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 1730 MHz; Duty

cycle= 1:1

Medium parameters used: f = 1730 MHz;  $\sigma = 1.344 \text{ S/m}$ ;  $\epsilon_r = 39.45$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 21.3°C; Liquid temperature: 21.6°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(8.5, 8.42, 8.36) @ 1730 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.806 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.12 V/m; Power Drift = -0.13 dB

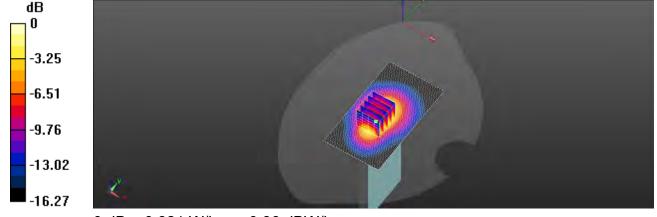
Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.346 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg = -0.86 dBW/kg

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Page: 749 of 939

Date: 2023/6/7

ID: 195

Report No.: TESA2305000259ES

NR n38 (40MHz) Hotspot Bottom Edge CH 520000 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (40 MHz,Pi/2 BPSK, 15kHz); Frequency: 2600 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2600 MHz;  $\sigma = 1.968 \text{ S/m}$ ;  $\epsilon_r = 39.591$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2600 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.55 V/m; Power Drift = -0.01 dB

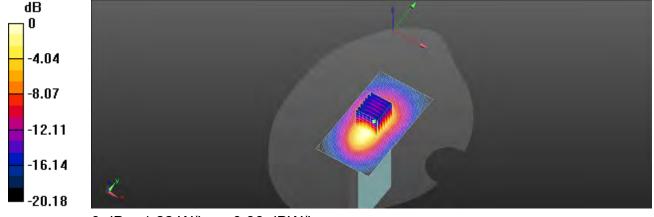
Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.433 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kq = 0.86 dBW/kq

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Page: 750 of 939

Date: 2023/6/7

ID: 196

Report No.: TESA2305000259ES

NR n41 (100MHz) Hotspot Bottom Edge CH 509202 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 2546.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 2546.01 MHz;  $\sigma$  = 1.923 S/m;  $ε_r$  = 39.748; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.71, 7.59, 7.66) @ 2546.01 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.75 V/m; Power Drift = 0.13 dB

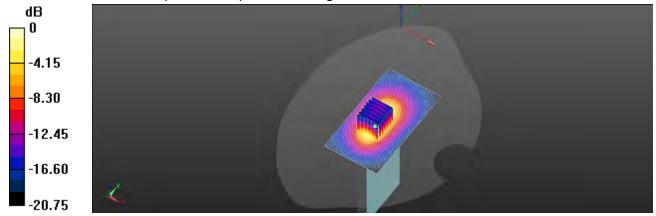
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.403 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

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Page: 751 of 939

Date: 2023/7/5

ID: 197

**Report No. :TESA2305000259ES** 

NR n77(100MHz) Hotspot Bottom Edge CH 652400 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3786 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3786 MHz;  $\sigma$  = 3.258 S/m;  $\epsilon_r$  = 37.967;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.4°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3786 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 15.58 V/m; Power Drift = -0.09 dB

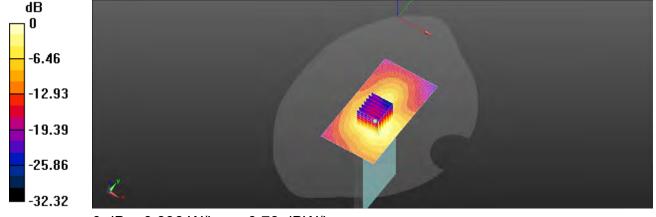
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.238 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

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Page: 752 of 939

Date: 2023/6/12

ID: 198

**Report No. :TESA2305000259ES** 

NR n77&n78(100MHz) Hotspot Bottom Edge CH 633334 Pi/2 BPSK 1-1 10mm Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3500.01 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3500.01 MHz;  $\sigma$  = 2.928 S/m;  $ε_r$  = 39.185; ρ = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.96, 6.9, 6.91) @ 3500.01 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.768 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 13.37 V/m; Power Drift = 0.06 dB

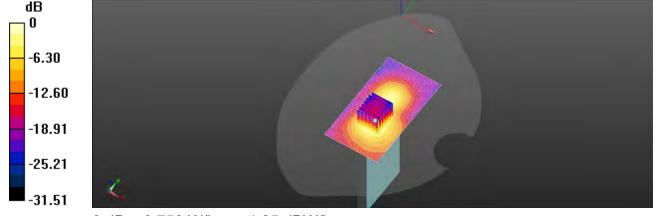
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.205 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.750 W/kg = -1.25 dBW/kg

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Page: 753 of 939

Date: 2023/7/5

ID: 199

**Report No. :TESA2305000259ES** 

NR n78(100MHz)\_Hotspot\_Bottom Edge\_CH 650000\_Pi/2 BPSK\_1-1\_10mm\_Ant2

Communication System: 5G NR (100 MHz,Pi/2 BPSK, 30 kHz); Frequency: 3750 MHz; Duty

cycle= 1:1

Medium parameters used: f = 3750 MHz;  $\sigma$  = 3.218 S/m;  $\epsilon_r$  = 38.041;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.4°C; Liquid temperature: 21.7°C

### DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(6.84, 6.77, 6.79) @ 3750 MHz; Calibrated: 2023/2/20

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn558; Calibrated: 2022/11/7

Phantom: SAM

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.731 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 14.44 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.212 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 0.728 W/kg

**Zoom Scan (7x7x8)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 14.44 V/m; Power Drift = 0.01 dB

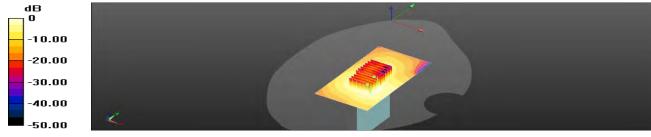
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.170 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 0.699 W/kg



0 dB = 0.699 W/kg = -1.56 dBW/kg

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Page: 754 of 939

Date: 2023/5/22

ID: 200

Report No.: TESA2305000259ES

LTE Band 5 (10MHz) Hotspot Right Edge CH 20600 QPSK 1-0 10mm Ant3

Communication System: LTE; Frequency: 844 MHz; Duty cycle= 1:1

Medium parameters used: f = 844 MHz;  $\sigma = 0.939$  S/m;  $\varepsilon_r = 42.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 844 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.356 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.14 V/m; Power Drift = 0.16 dB

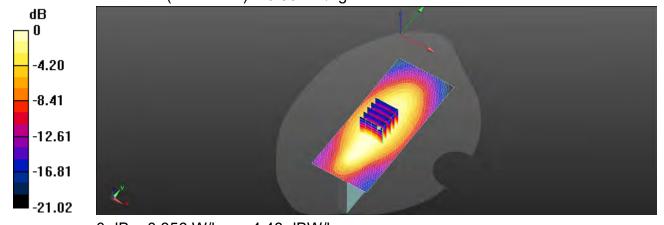
Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 q) = 0.302 W/kq; SAR(10 q) = 0.209 W/kq

Smallest distance from peaks to all points 3 dB below = 21.5 mm

Ratio of SAR at M2 to SAR at M1 = 72.8%

Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.356 W/kg = -4.48 dBW/kg

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台灣檢驗科技股份有限公司



Page: 755 of 939

Date: 2023/5/19

ID: 201

**Report No. :TESA2305000259ES** 

LTE Band 12 (10MHz) Hotspot Right Edge CH 23060 QPSK 1-0 10mm Ant3

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: f = 704 MHz;  $\sigma = 0.87$  S/m;  $\varepsilon_r = 42.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

# DASY5 Configuration:

- Probe: EX3DV4 SN7509; ConvF(9.97, 9.73, 10.82) @ 704 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: Twin-SAM V4.0 (20deg probe tilt)
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.77 V/m; Power Drift = -0.11 dB

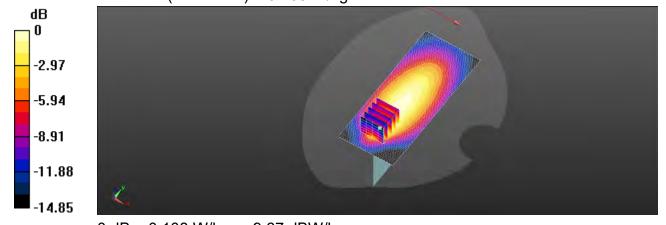
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 q) = 0.083 W/kq; SAR(10 q) = 0.051 W/kq

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

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Page: 756 of 939

Date: 2023/5/19

ID: 202

**Report No. :TESA2305000259ES** 

LTE Band 17 (10MHz) Hotspot Right Edge CH 23800 QPSK 1-0 10mm Ant3

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used: f = 711 MHz;  $\sigma$  = 0.876 S/m;  $\varepsilon_r$  = 42.651;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.94, 9.88, 10.08) @ 711 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.57 V/m; Power Drift = 0.02 dB

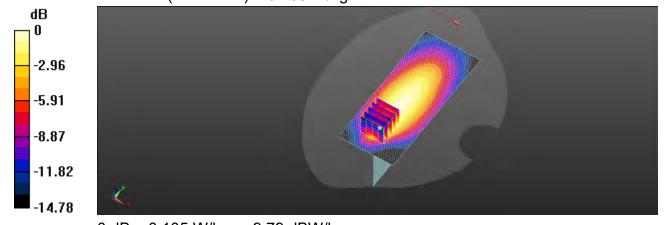
Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 q) = 0.080 W/kq; SAR(10 q) = 0.049 W/kq

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

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Page: 757 of 939

Date: 2023/5/22

ID: 203

**Report No. :TESA2305000259ES** 

LTE Band 26 (15MHz) Hotspot Right Edge CH 26765 QPSK 1-0 10mm Ant3

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used: f = 821.5 MHz;  $\sigma$  = 0.912 S/m;  $\varepsilon_r$  = 42.609;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

### DASY5 Configuration:

- Probe: EX3DV4 SN7642; ConvF(9.95, 9.92, 9.79) @ 821.5 MHz; Calibrated: 2023/2/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.369 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.45 V/m; Power Drift = 0.18 dB

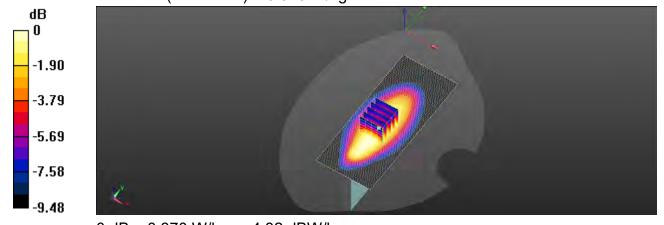
Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 q) = 0.307 W/kq; SAR(10 q) = 0.213 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.4%

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

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Page: 758 of 939

Date: 2023/5/19

ID: 204

**Report No. :TESA2305000259ES** 

LTE Band 71 (20MHz) Hotspot Right Edge CH 133222 QPSK 1-0 10mm Ant3

Communication System: LTE; Frequency: 673 MHz; Duty cycle= 1:1

Medium parameters used: f = 673 MHz;  $\sigma$  = 0.859 S/m;  $\varepsilon_r$  = 43.012;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

# DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(9.94, 9.88, 10.08) @ 673 MHz; Calibrated: 2023/2/20

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2022/11/7
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0790 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.993 V/m; Power Drift = 0.08 dB

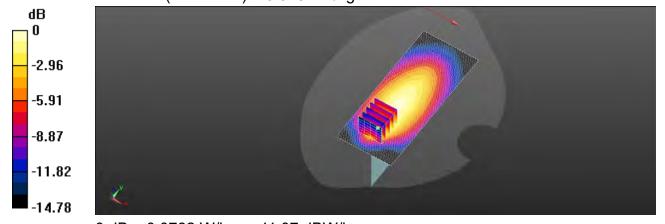
Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 q) = 0.059 W/kq; SAR(10 q) = 0.037 W/kq

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.0782 W/kg



0 dB = 0.0782 W/kg = -11.07 dBW/kg

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