

# GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), CHEEK

## Exposure Conditions

|                                  |                 |                        |                 |
|----------------------------------|-----------------|------------------------|-----------------|
| Band                             | GSM 850         | TSL Permittivity       | 42.6            |
| Frequency [MHz]   Channel Number | 836.600   190   | TSL Conductivity [S/m] | 0.917           |
| Group   UID                      | GSM   10024-DAC | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.63            | Test Distance [mm]     | 0.00            |

## Hardware Setup

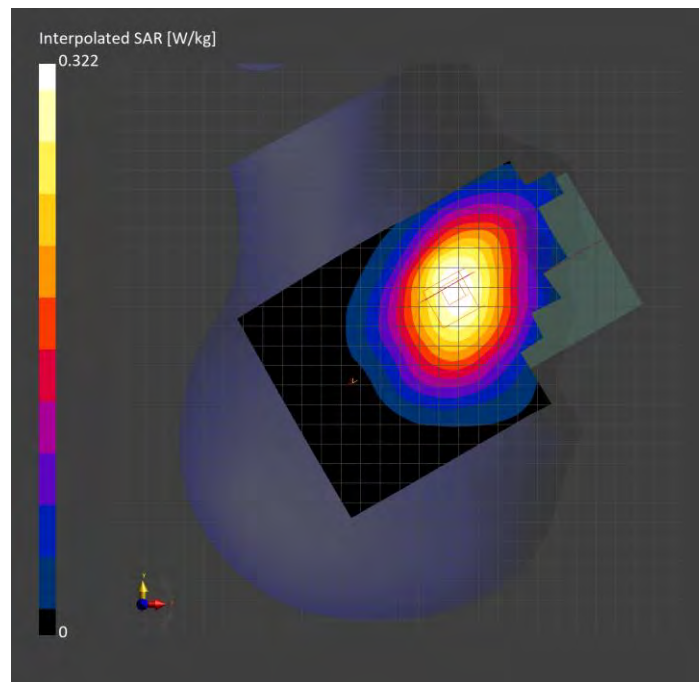
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 96.9                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.322   [57.5, -258.4, -176.9] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.263     | <b>0.279</b> |
| psSAR10g [W/Kg]  | 0.180     | <b>0.221</b> |
| Power Drift [dB] | N/A       | 0.04         |



# GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1), BACK

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | GSM 850         | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 836.600   190   | TSL Conductivity [S/m] | 0.939      |
| Group   UID                      | GSM   10024-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63            | Test Distance [mm]     | 15.00      |

## Hardware Setup

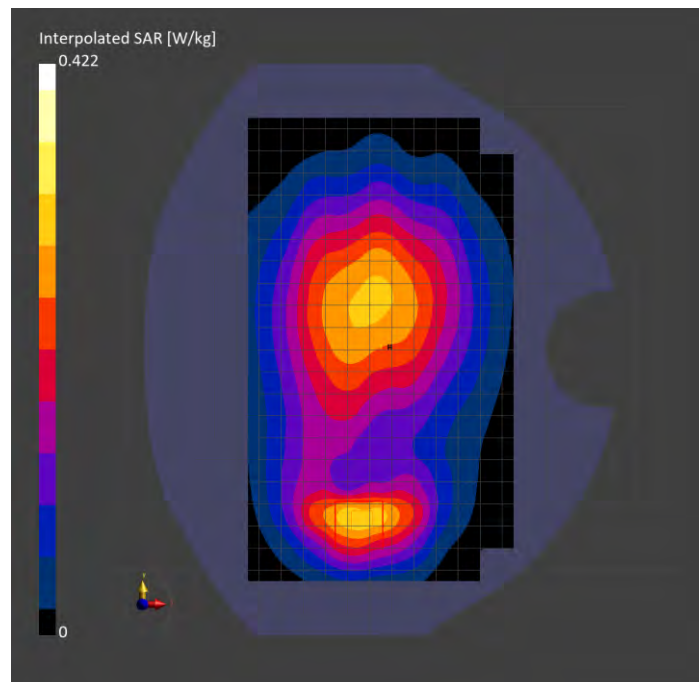
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 91.0                           |
| Dist 3dB Peak [mm]                       |               | 13.2                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.422   [-31.9, -78.3, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.262     | <b>0.275</b> |
| psSAR10g [W/Kg]  | 0.181     | <b>0.169</b> |
| Power Drift [dB] | N/A       | -0.00        |



# GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2), BACK

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | GSM 850         | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 836.600   190   | TSL Conductivity [S/m] | 0.939      |
| Group   UID                      | GSM   10027-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63            | Test Distance [mm]     | 10.00      |

## Hardware Setup

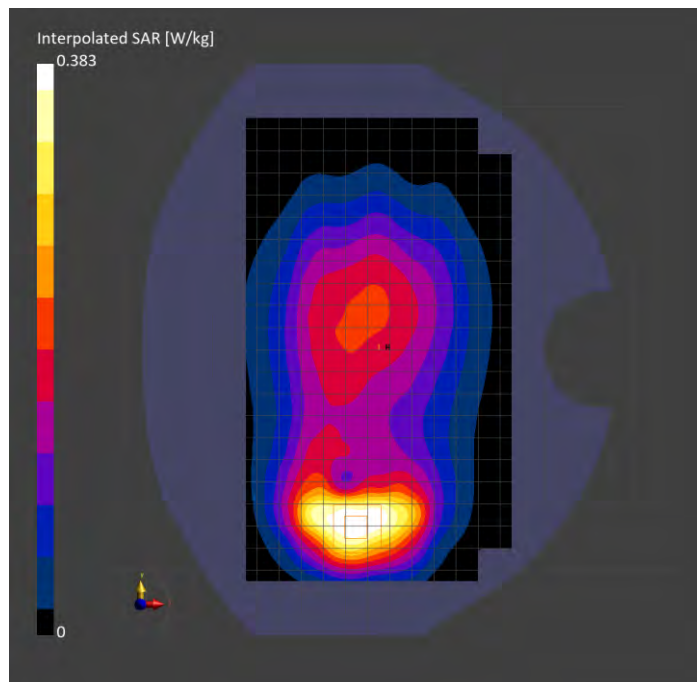
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 89.4                           |
| Dist 3dB Peak [mm]                       |               | 9.6                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.383   [-35.5, -79.4, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.194     | <b>0.222</b> |
| psSAR10g [W/Kg]  | 0.127     | <b>0.127</b> |
| Power Drift [dB] | N/A       | -0.02        |



# GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2), BACK

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | GSM 850         | TSL Permittivity       | 39.9       |
| Frequency [MHz]   Channel Number | 836.600   190   | TSL Conductivity [S/m] | 0.867      |
| Group   UID                      | GSM   10027-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.42            | Test Distance [mm]     | 0.00       |

## Hardware Setup

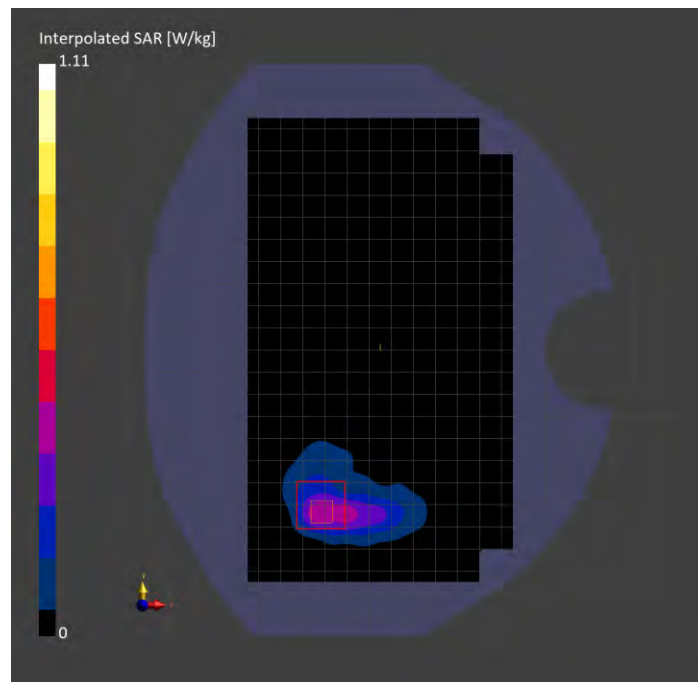
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 56.3                          |
| Dist 3dB Peak [mm]                       |               | 4.8                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.11   [-61.0, -64.5, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.364     | <b>0.319</b> |
| psSAR10g [W/Kg]  | 0.206     | <b>0.149</b> |
| Power Drift [dB] | N/A       | -0.04        |



# GSM 850: GPRS-FDD (TDMA, GMSK, TN 0-1-2), BACK

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | GSM 850         | TSL Permittivity       | 39.9       |
| Frequency [MHz]   Channel Number | 836.600   190   | TSL Conductivity [S/m] | 0.867      |
| Group   UID                      | GSM   10027-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.42            | Test Distance [mm]     | 16.00      |

## Hardware Setup

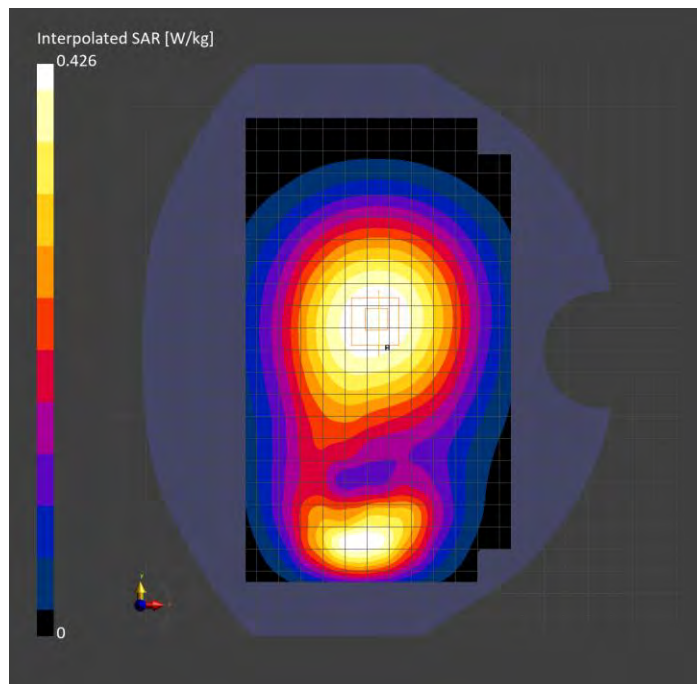
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 91.3                          |
| Dist 3dB Peak [mm]                       |               | > 15.0                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.426   [-24.7, 15.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.315     | <b>0.329</b> |
| psSAR10g [W/Kg]  | 0.223     | <b>0.253</b> |
| Power Drift [dB] | N/A       | -0.04        |



# PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0), CHEEK

## Exposure Conditions

|                                  |                 |                        |                |
|----------------------------------|-----------------|------------------------|----------------|
| Band                             | PCS 1900        | TSL Permittivity       | 38.6           |
| Frequency [MHz]   Channel Number | 1880.000   661  | TSL Conductivity [S/m] | 1.40           |
| Group   UID                      | GSM   10023-DAC | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 8.38            | Test Distance [mm]     | 0.00           |

## Hardware Setup

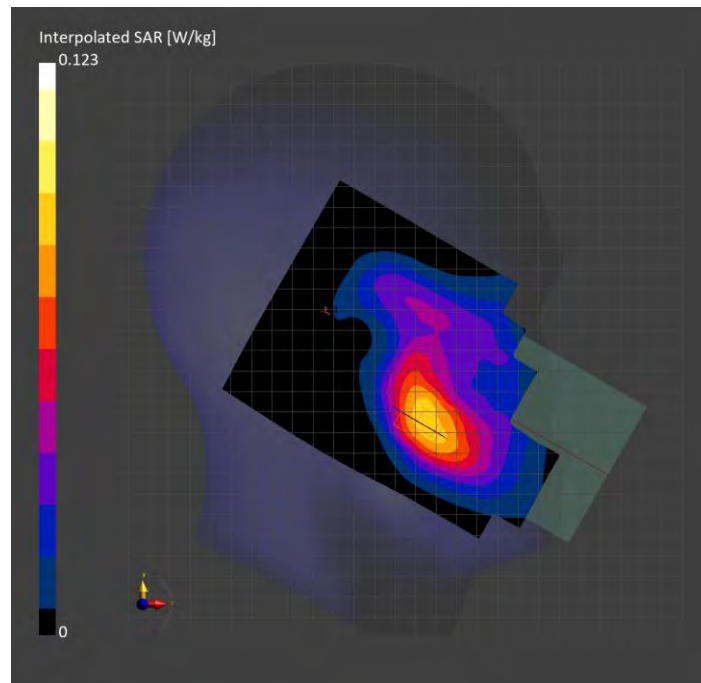
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 88.6                          |
| Dist 3dB Peak [mm]                       |               | 13.2                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.123   [57.4, 251.3, -174.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.075     | <b>0.083</b> |
| psSAR10g [W/Kg]  | 0.045     | <b>0.053</b> |
| Power Drift [dB] | N/A       | -0.14        |



# PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0), BACK

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | PCS 1900        | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 1880.000   661  | TSL Conductivity [S/m] | 1.40       |
| Group   UID                      | GSM   10023-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38            | Test Distance [mm]     | 15.00      |

## Hardware Setup

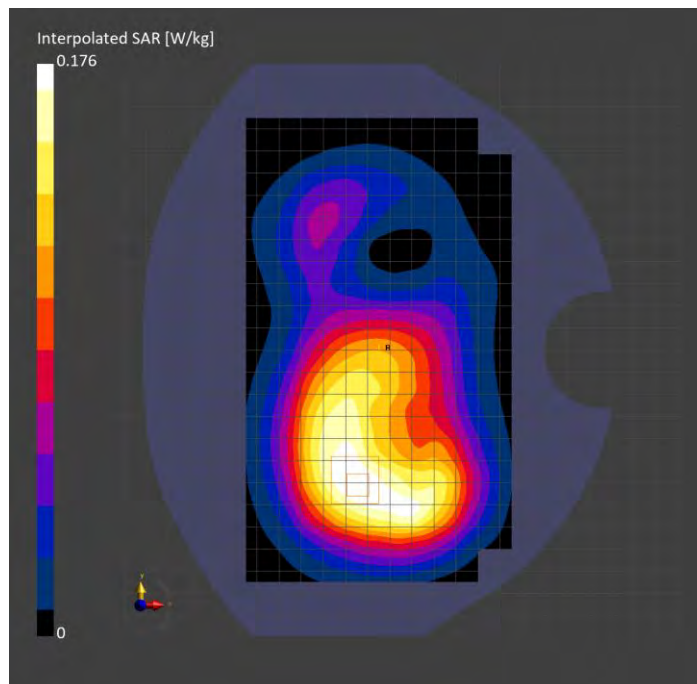
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 86.8                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.176   [-34.0, -62.7, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.111     | <b>0.115</b> |
| psSAR10g [W/Kg]  | 0.069     | <b>0.075</b> |
| Power Drift [dB] | N/A       | -0.08        |



# PCS 1900: GPRS-FDD (TDMA, GMSK, TN 0-1-2), EDGE BOTTOM

## Exposure Conditions

|                                  |                 |                        |            |
|----------------------------------|-----------------|------------------------|------------|
| Band                             | PCS 1900        | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 1880.000   661  | TSL Conductivity [S/m] | 1.40       |
| Group   UID                      | GSM   10027-DAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38            | Test Distance [mm]     | 10.00      |

## Hardware Setup

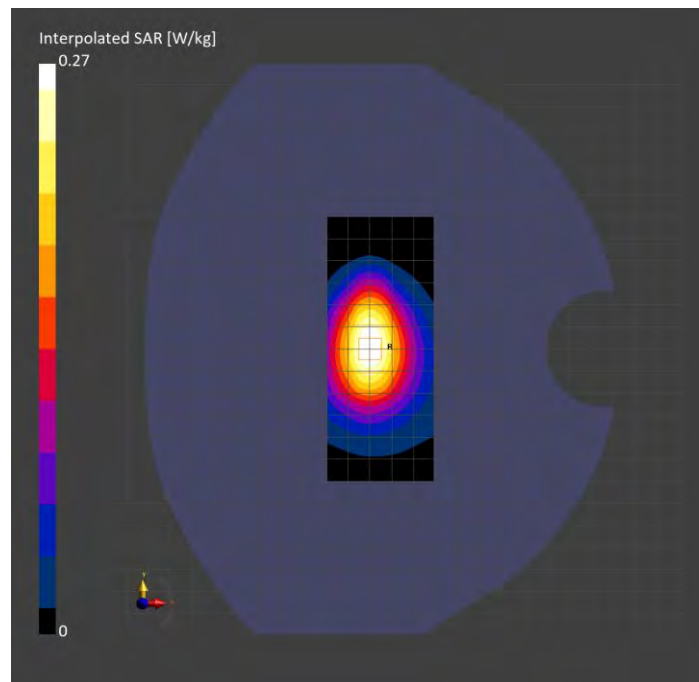
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                    |
|--|--------------|------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 8.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0          | 1.4                          |
| Graded Grid                              | N/A          | Yes                          |
| M2/M1 [%]                                |              | 86.1                         |
| Dist 3dB Peak [mm]                       |              | 14.5                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 0.270   [-30.4, 2.1, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.166     | <b>0.168</b> |
| psSAR10g [W/Kg]  | 0.095     | <b>0.100</b> |
| Power Drift [dB] | N/A       | -0.03        |





## Band 2: UMTS-FDD (WCDMA), CHEEK

### Exposure Conditions

|                                  |                   |                        |                |
|----------------------------------|-------------------|------------------------|----------------|
| Band                             | Band 2            | TSL Permittivity       | 38.6           |
| Frequency [MHz]   Channel Number | 1880.000   9400   | TSL Conductivity [S/m] | 1.40           |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 8.38              | Test Distance [mm]     | 0.00           |

### Hardware Setup

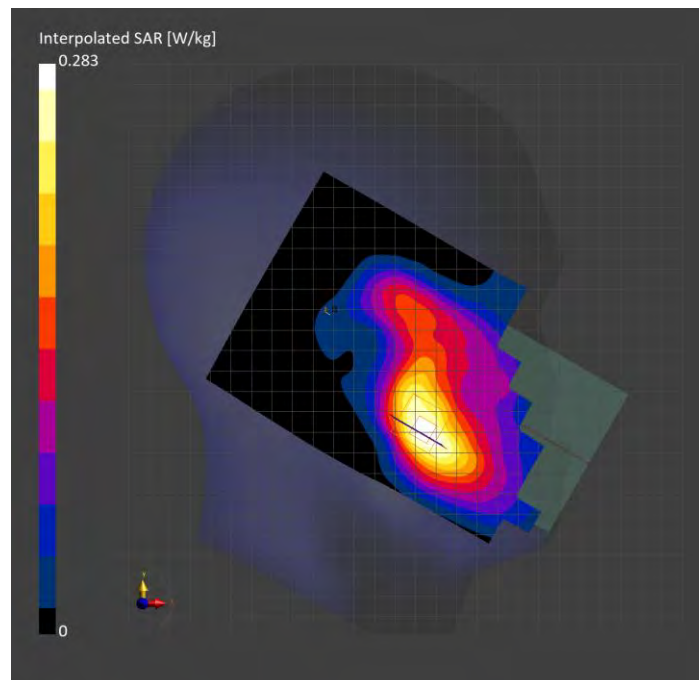
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

### Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 90.8                          |
| Dist 3dB Peak [mm]                       |               | 13.9                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.283   [56.1, 246.9, -173.7] |

### Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.194     | <b>0.201</b> |
| psSAR10g [W/Kg]  | 0.114     | <b>0.132</b> |
| Power Drift [dB] | N/A       | -0.02        |



## Band 2: UMTS-FDD (WCDMA), BACK

### Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 2            | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 1880.000   9400   | TSL Conductivity [S/m] | 1.40       |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38              | Test Distance [mm]     | 15.00      |

### Hardware Setup

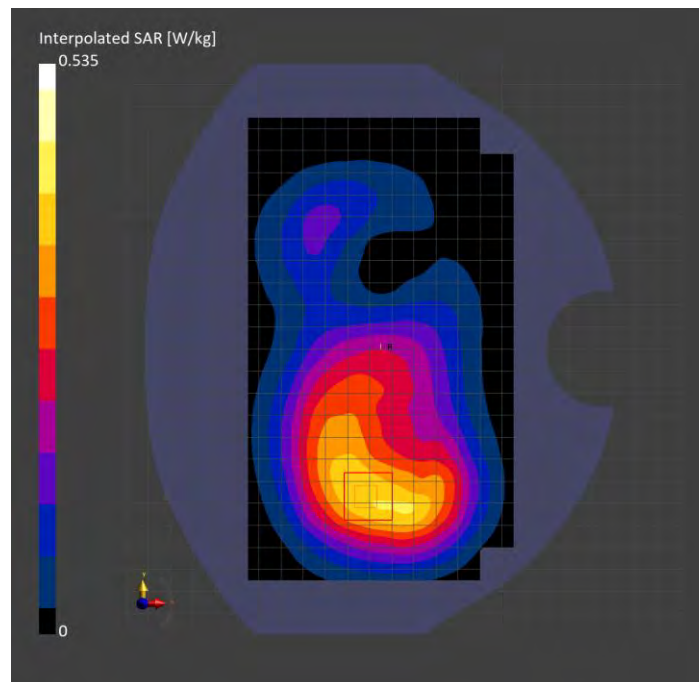
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

### Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 87.2                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.535   [-29.8, -69.4, -207.0] |

### Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.340     | <b>0.353</b> |
| psSAR10g [W/Kg]  | 0.212     | <b>0.231</b> |
| Power Drift [dB] | N/A       | 0.01         |



## Band 2: UMTS-FDD (WCDMA), EDGE BOTTOM

### Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 2            | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 1880.000   9400   | TSL Conductivity [S/m] | 1.40       |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38              | Test Distance [mm]     | 10.00      |

### Hardware Setup

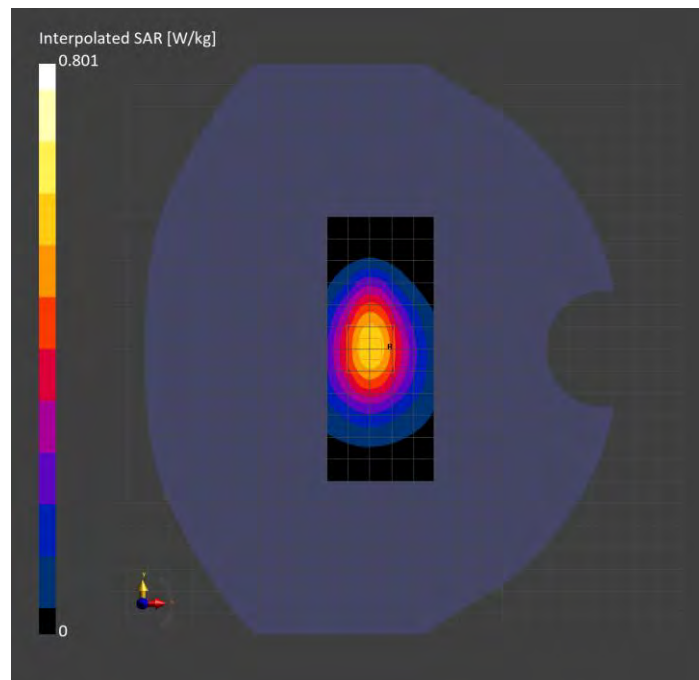
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

### Scan Setup

|  | Area Scan    | Zoom Scan                    |
|--|--------------|------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 8.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0          | 1.4                          |
| Graded Grid                              | N/A          | Yes                          |
| M2/M1 [%]                                |              | 86.2                         |
| Dist 3dB Peak [mm]                       |              | 15.6                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 0.801   [-29.2, 1.6, -207.0] |

### Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.493     | <b>0.500</b> |
| psSAR10g [W/Kg]  | 0.283     | <b>0.299</b> |
| Power Drift [dB] | N/A       | -0.02        |



# Band 4: UMTS-FDD (WCDMA), CHEEK

## Exposure Conditions

|                                  |                   |                        |                |
|----------------------------------|-------------------|------------------------|----------------|
| Band                             | Band 4            | TSL Permittivity       | 38.9           |
| Frequency [MHz]   Channel Number | 1732.600   1413   | TSL Conductivity [S/m] | 1.32           |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 8.92              | Test Distance [mm]     | 0.00           |

## Hardware Setup

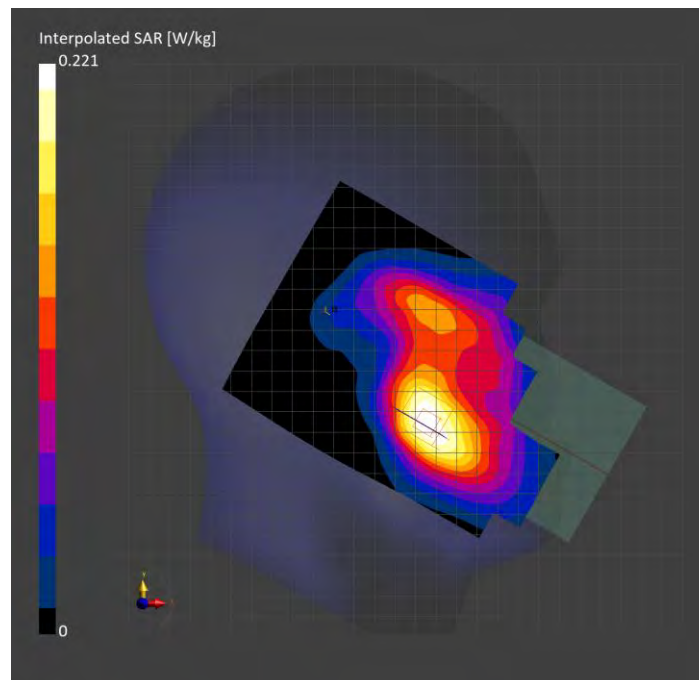
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 89.8                          |
| Dist 3dB Peak [mm]                       |               | 14.0                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.221   [57.4, 251.3, -174.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.142     | <b>0.153</b> |
| psSAR10g [W/Kg]  | 0.087     | <b>0.101</b> |
| Power Drift [dB] | N/A       | -0.00        |



# Band 4: UMTS-FDD (WCDMA), BACK

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 4            | TSL Permittivity       | 38.9       |
| Frequency [MHz]   Channel Number | 1732.600   1413   | TSL Conductivity [S/m] | 1.32       |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.92              | Test Distance [mm]     | 15.00      |

## Hardware Setup

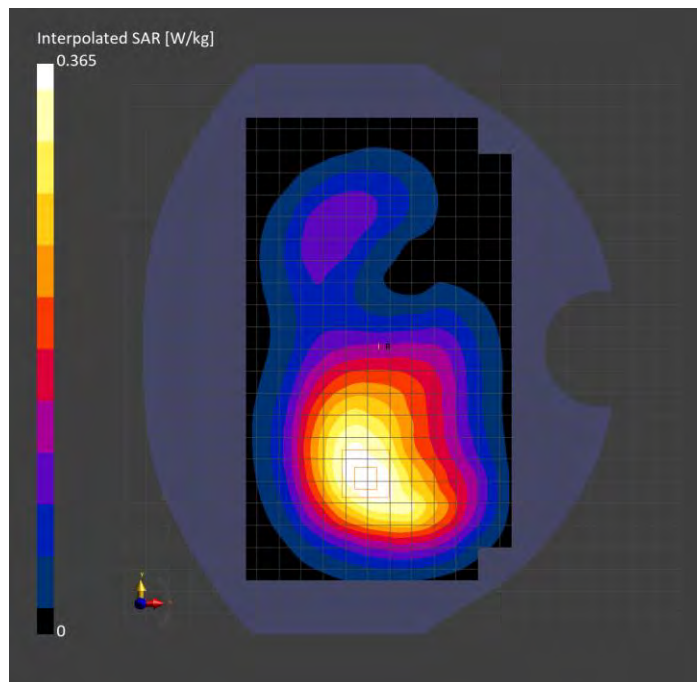
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 87.8                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.365   [-31.6, -60.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.235     | <b>0.247</b> |
| psSAR10g [W/Kg]  | 0.149     | <b>0.165</b> |
| Power Drift [dB] | N/A       | -0.02        |



# Band 4: UMTS-FDD (WCDMA), EDGE BOTTOM

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 4            | TSL Permittivity       | 38.9       |
| Frequency [MHz]   Channel Number | 1732.600   1413   | TSL Conductivity [S/m] | 1.32       |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.92              | Test Distance [mm]     | 10.00      |

## Hardware Setup

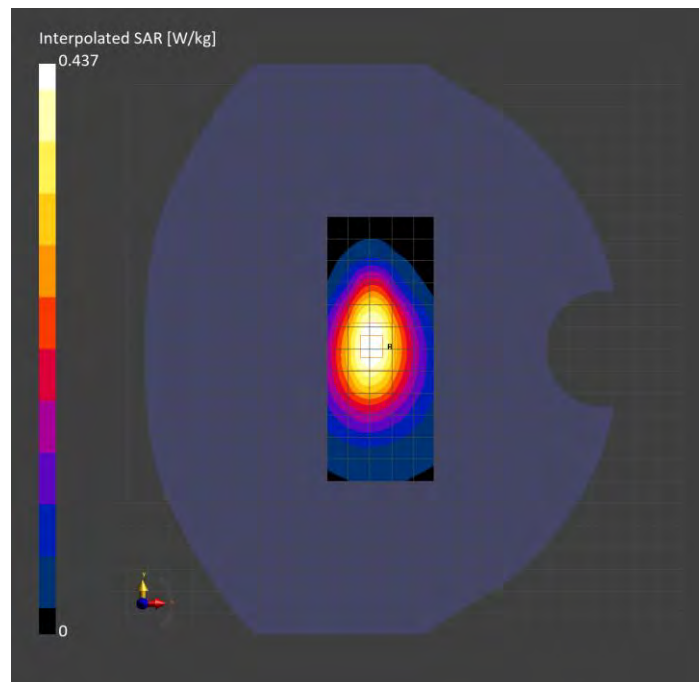
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                    |
|--|--------------|------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 8.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0          | 1.4                          |
| Graded Grid                              | N/A          | Yes                          |
| M2/M1 [%]                                |              | 86.4                         |
| Dist 3dB Peak [mm]                       |              | 15.6                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 0.437   [-28.9, 1.6, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.273     | <b>0.276</b> |
| psSAR10g [W/Kg]  | 0.160     | <b>0.168</b> |
| Power Drift [dB] | N/A       | -0.02        |



# Band 5: UMTS-FDD (WCDMA), CHEEK

## Exposure Conditions

|                                  |                   |                        |                 |
|----------------------------------|-------------------|------------------------|-----------------|
| Band                             | Band 5            | TSL Permittivity       | 43.3            |
| Frequency [MHz]   Channel Number | 836.600   4183    | TSL Conductivity [S/m] | 0.939           |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.63              | Test Distance [mm]     | 0.00            |

## Hardware Setup

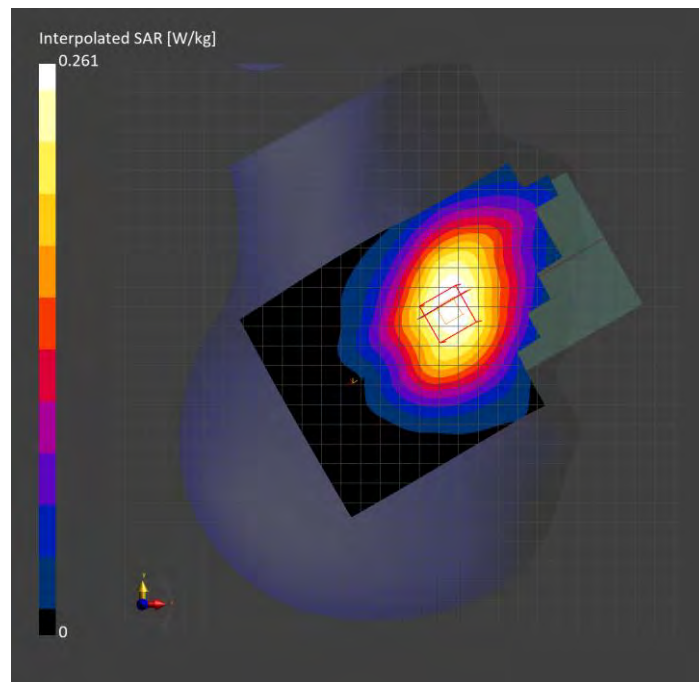
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 99.2                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.261   [54.2, -268.5, -175.9] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.213     | <b>0.230</b> |
| psSAR10g [W/Kg]  | 0.148     | <b>0.185</b> |
| Power Drift [dB] | N/A       | -0.07        |



# Band 5: UMTS-FDD (WCDMA), BACK

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 5            | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 836.600   4183    | TSL Conductivity [S/m] | 0.939      |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63              | Test Distance [mm]     | 15.00      |

## Hardware Setup

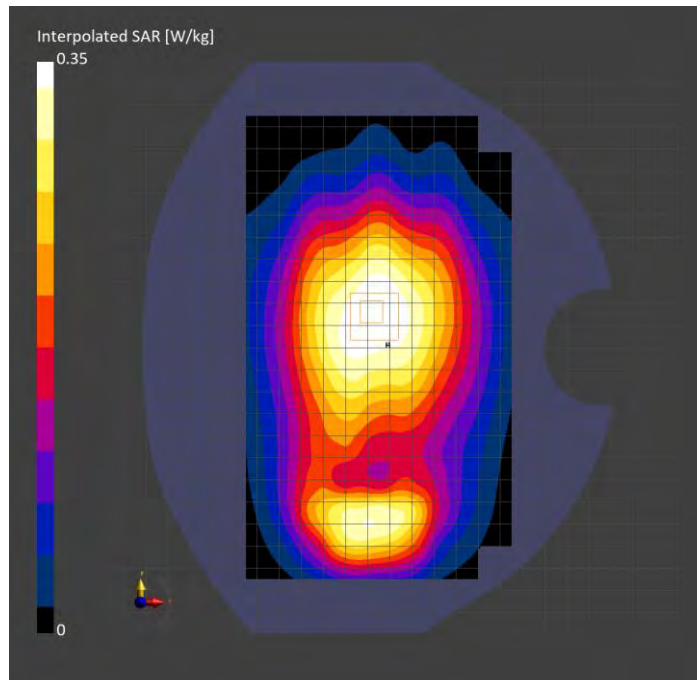
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 97.9                          |
| Dist 3dB Peak [mm]                       |               | > 15.0                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.350   [-24.7, 16.5, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.281     | <b>0.299</b> |
| psSAR10g [W/Kg]  | 0.199     | <b>0.236</b> |
| Power Drift [dB] | N/A       | -0.01        |





# Band 5: UMTS-FDD (WCDMA), BACK

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | Band 5            | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 846.600   4233    | TSL Conductivity [S/m] | 0.943      |
| Group   UID                      | WCDMA   10011-CAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63              | Test Distance [mm]     | 10.00      |

## Hardware Setup

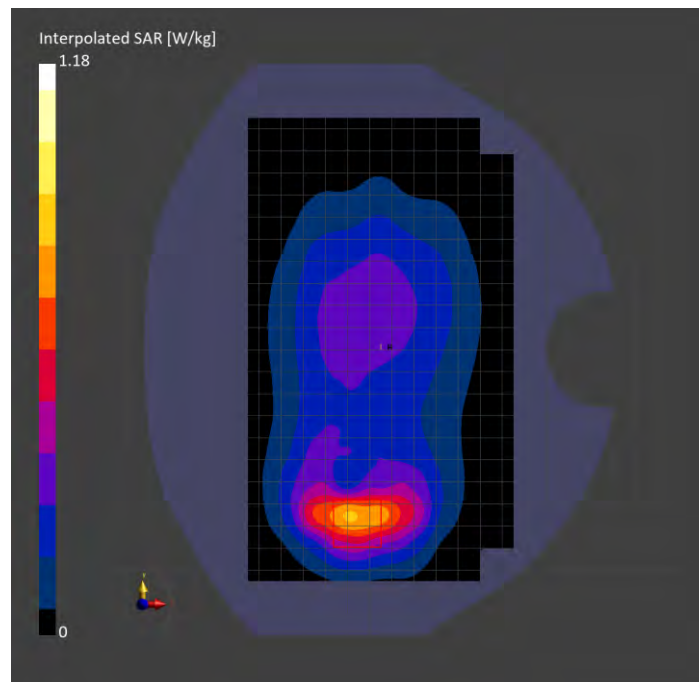
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 88.1                          |
| Dist 3dB Peak [mm]                       |               | 10.8                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.18   [-40.3, -78.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.673     | <b>0.699</b> |
| psSAR10g [W/Kg]  | 0.417     | <b>0.404</b> |
| Power Drift [dB] | N/A       | 0.01         |



# Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 2              | TSL Permittivity       | 38.8       |
| Frequency [MHz]   Channel Number | 1880.000   18900    | TSL Conductivity [S/m] | 1.37       |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38                | Test Distance [mm]     | 15.00      |

## Hardware Setup

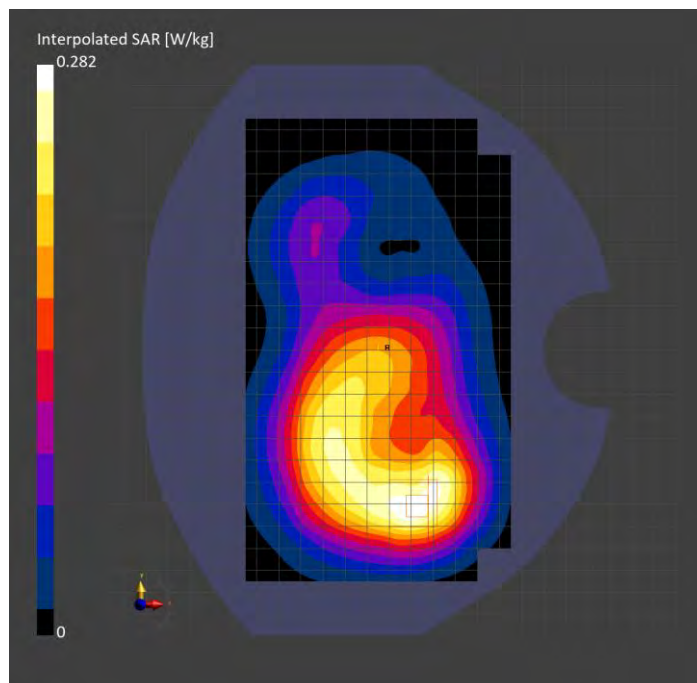
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 85.9                          |
| Dist 3dB Peak [mm]                       |               | 17.8                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.282   [-2.2, -69.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.169     | <b>0.175</b> |
| psSAR10g [W/Kg]  | 0.103     | <b>0.109</b> |
| Power Drift [dB] | N/A       | -0.15        |



# Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 2              | TSL Permittivity       | 38.8       |
| Frequency [MHz]   Channel Number | 1880.000   18900    | TSL Conductivity [S/m] | 1.37       |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38                | Test Distance [mm]     | 15.00      |

## Hardware Setup

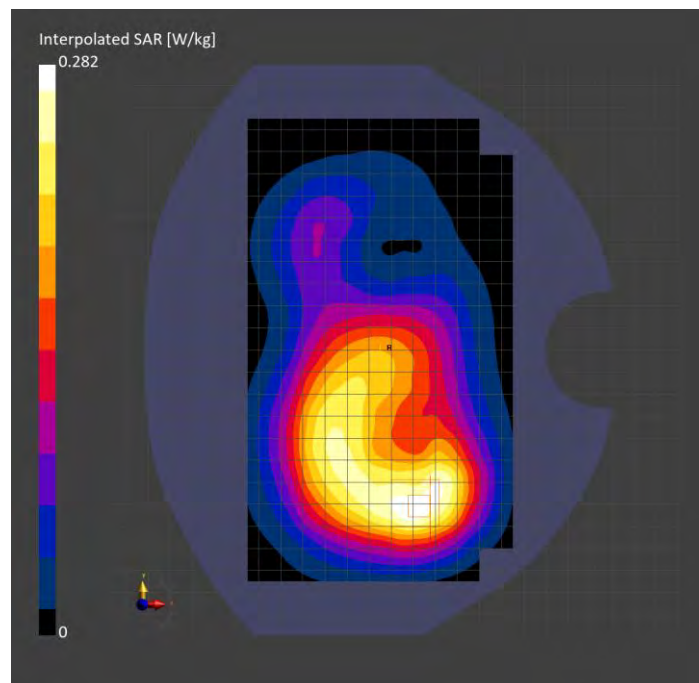
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 85.9                          |
| Dist 3dB Peak [mm]                       |               | 17.8                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.282   [-2.2, -69.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.169     | <b>0.175</b> |
| psSAR10g [W/Kg]  | 0.103     | <b>0.109</b> |
| Power Drift [dB] | N/A       | -0.15        |



# Band 2: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, EDGE BOTTOM

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 2              | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 1880.000   18900    | TSL Conductivity [S/m] | 1.40       |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.38                | Test Distance [mm]     | 10.00      |

## Hardware Setup

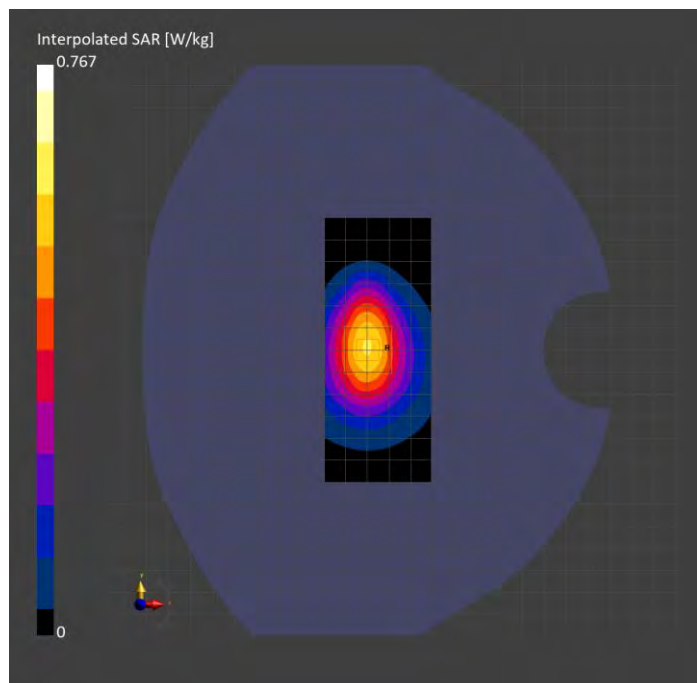
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                    |
|--|--------------|------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 8.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0          | 1.4                          |
| Graded Grid                              | N/A          | Yes                          |
| M2/M1 [%]                                |              | 87.0                         |
| Dist 3dB Peak [mm]                       |              | 15.6                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 0.767   [-29.7, 1.6, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.483     | <b>0.487</b> |
| psSAR10g [W/Kg]  | 0.278     | <b>0.292</b> |
| Power Drift [dB] | N/A       | -0.01        |



**Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low  
AntennaCfg:SISO, CHEEK**

**Exposure Conditions**

|                                  |                     |                        |                 |
|----------------------------------|---------------------|------------------------|-----------------|
| Band                             | Band 5              | TSL Permittivity       | 42.6            |
| Frequency [MHz]   Channel Number | 836.500   20525     | TSL Conductivity [S/m] | 0.917           |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 0.00            |

**Hardware Setup**

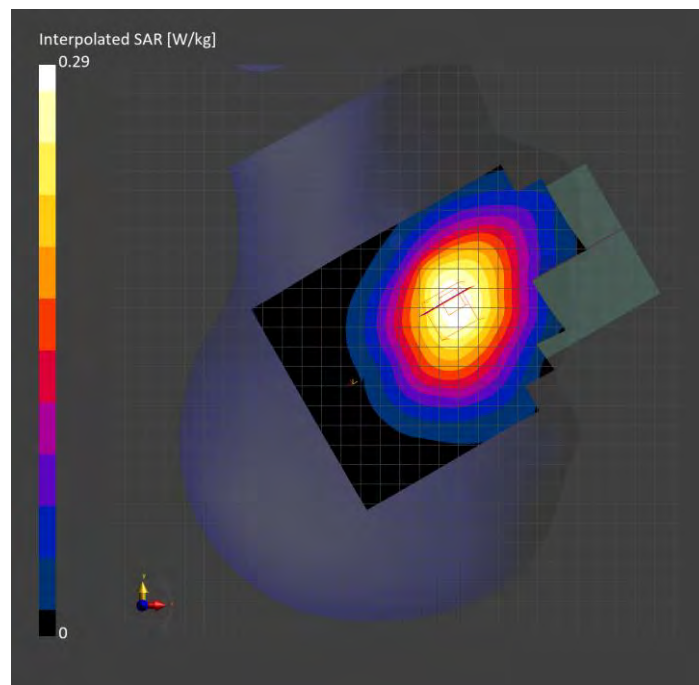
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 94.6                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.290   [55.5, -266.4, -175.7] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.241     | <b>0.246</b> |
| psSAR10g [W/Kg]  | 0.165     | <b>0.195</b> |
| Power Drift [dB] | N/A       | 0.05         |



# Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 5              | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 836.500   20525     | TSL Conductivity [S/m] | 0.939      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 15.00      |

## Hardware Setup

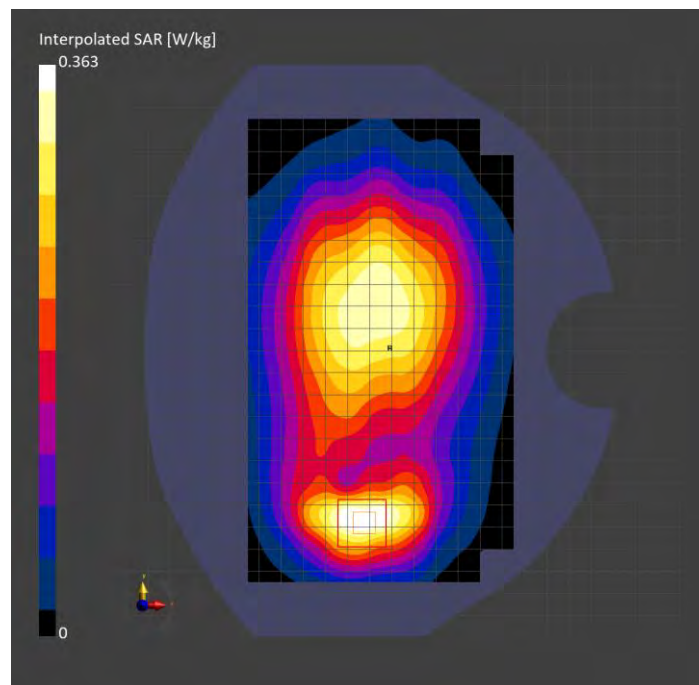
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 91.7                           |
| Dist 3dB Peak [mm]                       |               | 13.0                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.363   [-32.8, -75.9, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.232     | <b>0.241</b> |
| psSAR10g [W/Kg]  | 0.153     | <b>0.149</b> |
| Power Drift [dB] | N/A       | 0.01         |



# Band 5: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 5              | TSL Permittivity       | 42.6       |
| Frequency [MHz]   Channel Number | 836.500   20525     | TSL Conductivity [S/m] | 0.917      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 10.00      |

## Hardware Setup

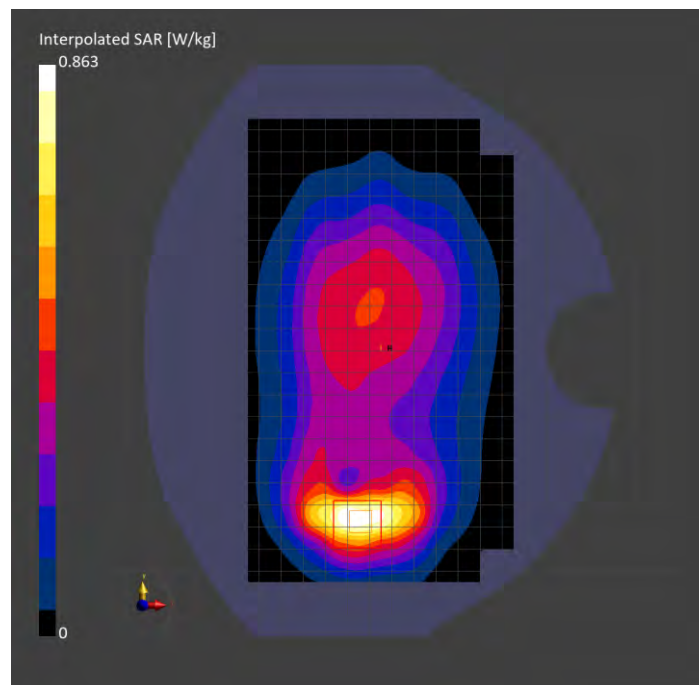
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 88.6                           |
| Dist 3dB Peak [mm]                       |               | 10.8                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.863   [-31.9, -76.8, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.507     | <b>0.521</b> |
| psSAR10g [W/Kg]  | 0.315     | <b>0.303</b> |
| Power Drift [dB] | N/A       | 0.03         |



# Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                     |                        |                 |
|----------------------------------|---------------------|------------------------|-----------------|
| Band                             | Band 12             | TSL Permittivity       | 43.8            |
| Frequency [MHz]   Channel Number | 707.500   23095     | TSL Conductivity [S/m] | 0.898           |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 0.00            |

## Hardware Setup

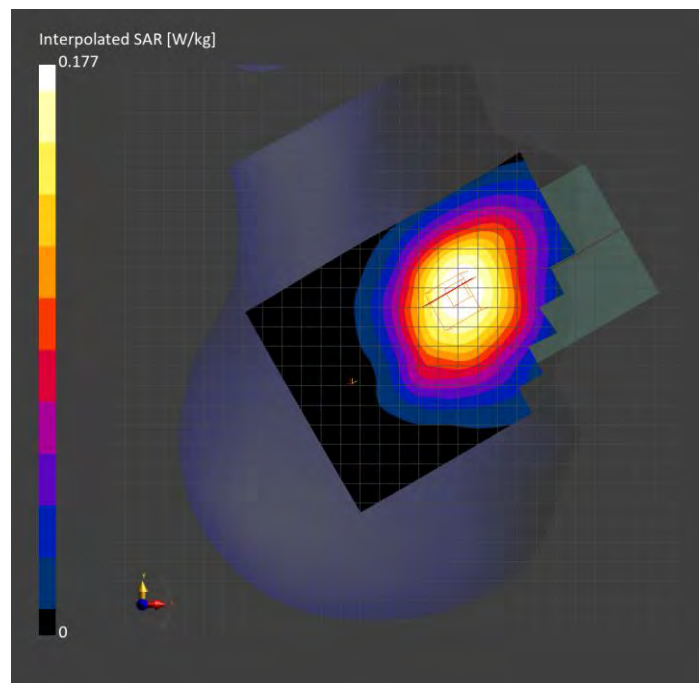
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 99.6                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.177   [58.5, -261.1, -174.8] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.157     | <b>0.160</b> |
| psSAR10g [W/Kg]  | 0.110     | <b>0.131</b> |
| Power Drift [dB] | N/A       | 0.00         |





# Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 12             | TSL Permittivity       | 43.8       |
| Frequency [MHz]   Channel Number | 707.500   23095     | TSL Conductivity [S/m] | 0.898      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 15.00      |

## Hardware Setup

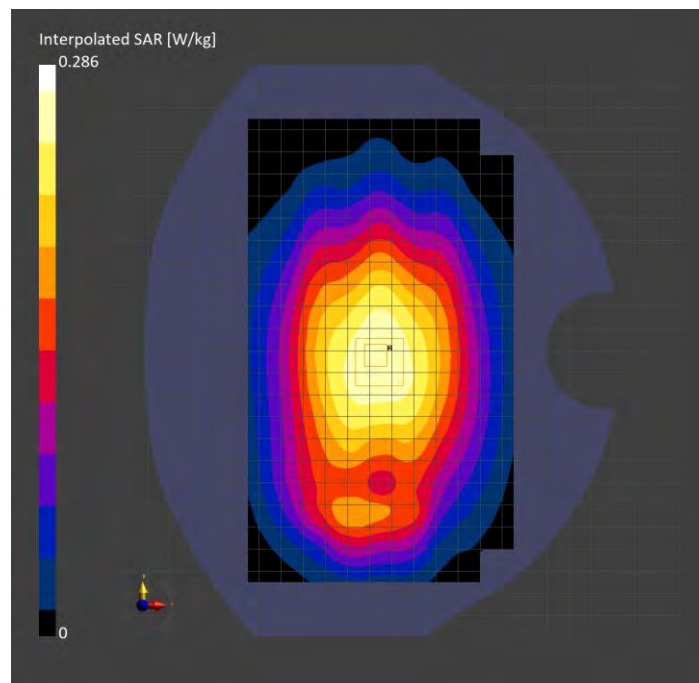
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 97.9                          |
| Dist 3dB Peak [mm]                       |               | > 15.0                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.286   [-28.0, -6.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.231     | <b>0.246</b> |
| psSAR10g [W/Kg]  | 0.165     | <b>0.196</b> |
| Power Drift [dB] | N/A       | 0.06         |



# Band 12: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 12             | TSL Permittivity       | 43.8       |
| Frequency [MHz]   Channel Number | 707.500   23095     | TSL Conductivity [S/m] | 0.898      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 10.00      |

## Hardware Setup

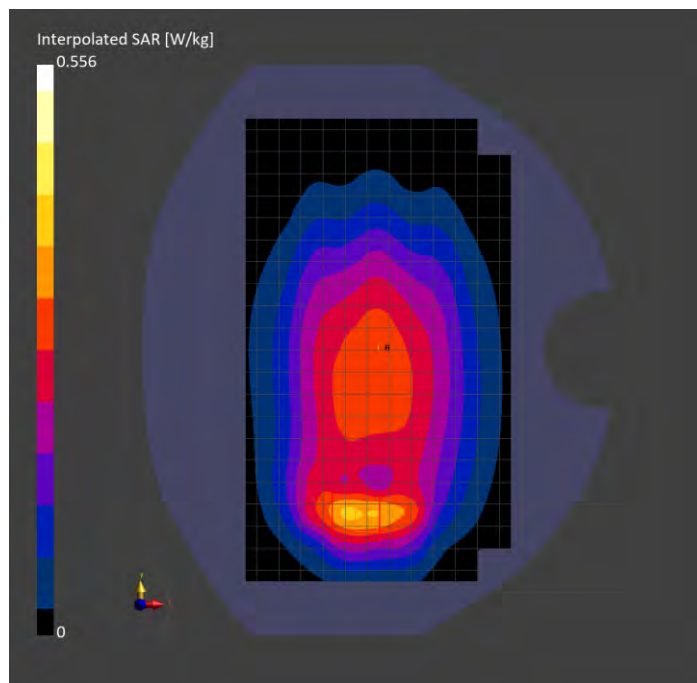
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 83.4                           |
| Dist 3dB Peak [mm]                       |               | 12.0                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.556   [-29.5, -76.5, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.327     | <b>0.328</b> |
| psSAR10g [W/Kg]  | 0.213     | <b>0.197</b> |
| Power Drift [dB] | N/A       | 0.01         |



# Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                     |                        |                 |
|----------------------------------|---------------------|------------------------|-----------------|
| Band                             | Band 13             | TSL Permittivity       | 43.6            |
| Frequency [MHz]   Channel Number | 782.000   23230     | TSL Conductivity [S/m] | 0.927           |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 0.00            |

## Hardware Setup

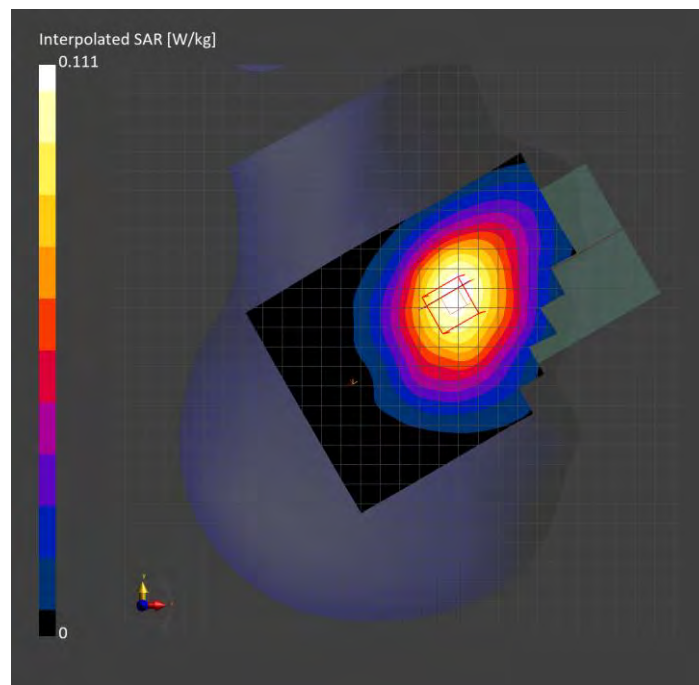
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 96.0                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.111   [56.1, -262.5, -175.3] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.095     | <b>0.098</b> |
| psSAR10g [W/Kg]  | 0.066     | <b>0.078</b> |
| Power Drift [dB] | N/A       | -0.03        |



# Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 13             | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 782.000   23230     | TSL Conductivity [S/m] | 0.927      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 15.00      |

## Hardware Setup

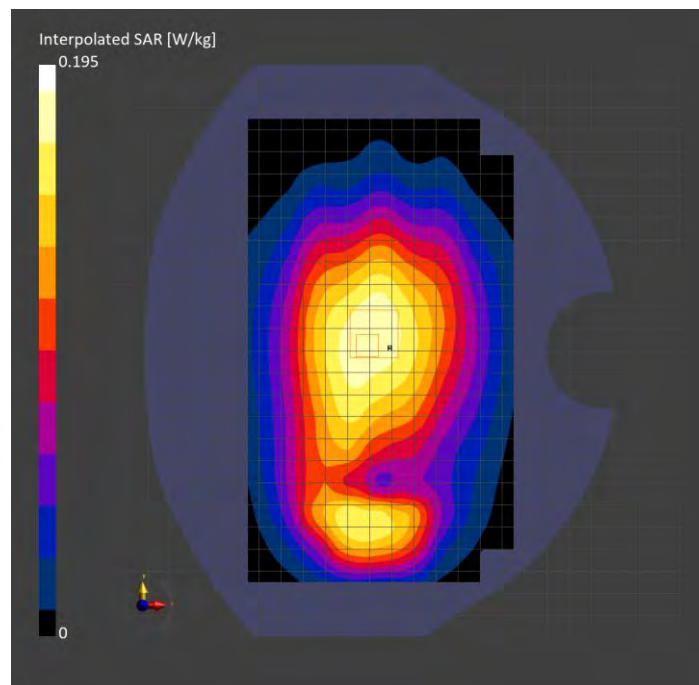
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 98.4                         |
| Dist 3dB Peak [mm]                       |               | > 15.0                       |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.195   [-35.8, 1.5, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.156     | <b>0.168</b> |
| psSAR10g [W/Kg]  | 0.111     | <b>0.133</b> |
| Power Drift [dB] | N/A       | -0.04        |



# Band 13: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 13             | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 782.000   23230     | TSL Conductivity [S/m] | 0.927      |
| Group   UID                      | LTE-FDD   10175-CAH | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 9.07                | Test Distance [mm]     | 10.00      |

## Hardware Setup

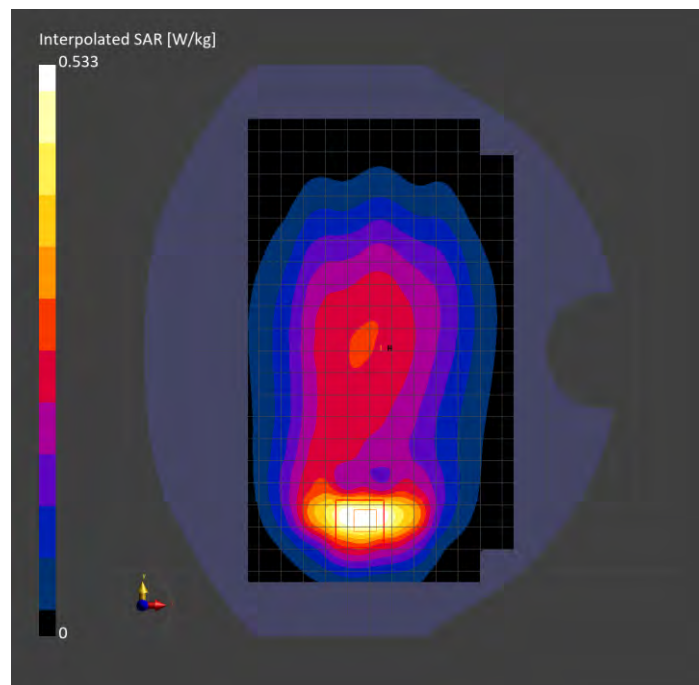
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 85.3                           |
| Dist 3dB Peak [mm]                       |               | 10.8                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.533   [-30.7, -76.8, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.313     | <b>0.322</b> |
| psSAR10g [W/Kg]  | 0.194     | <b>0.185</b> |
| Power Drift [dB] | N/A       | 0.01         |



# Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                     |                        |                 |
|----------------------------------|---------------------|------------------------|-----------------|
| Band                             | Band 26             | TSL Permittivity       | 43.3            |
| Frequency [MHz]   Channel Number | 831.500   26865     | TSL Conductivity [S/m] | 0.938           |
| Group   UID                      | LTE-FDD   10181-CAF | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 0.00            |

## Hardware Setup

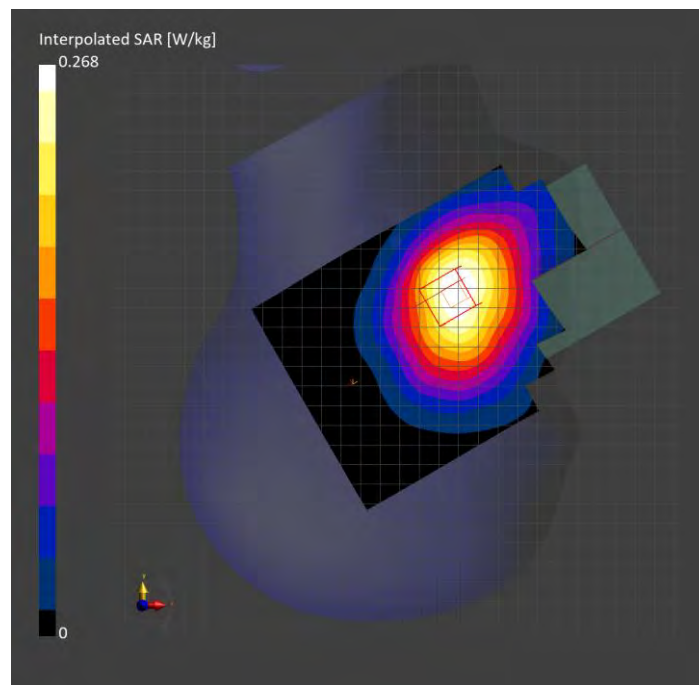
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 96.4                           |
| Dist 3dB Peak [mm]                       |               | 20.0                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.268   [56.7, -258.0, -174.8] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.222     | <b>0.227</b> |
| psSAR10g [W/Kg]  | 0.153     | <b>0.176</b> |
| Power Drift [dB] | N/A       | 0.05         |



# Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 26             | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 831.500   26865     | TSL Conductivity [S/m] | 0.938      |
| Group   UID                      | LTE-FDD   10181-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 15.00      |

## Hardware Setup

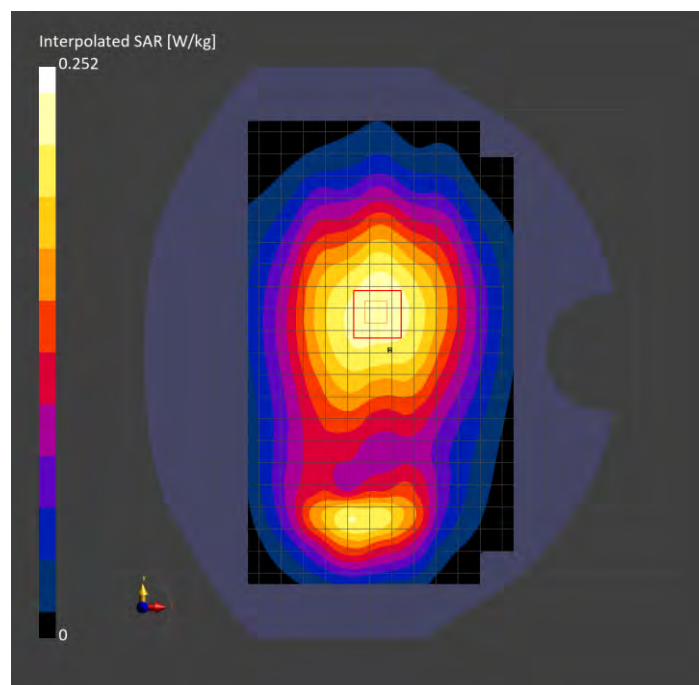
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 97.0                          |
| Dist 3dB Peak [mm]                       |               | > 15.0                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.252   [-26.0, 15.7, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.202     | <b>0.214</b> |
| psSAR10g [W/Kg]  | 0.142     | <b>0.169</b> |
| Power Drift [dB] | N/A       | 0.07         |



**Band 26: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 26             | TSL Permittivity       | 43.3       |
| Frequency [MHz]   Channel Number | 831.500   26865     | TSL Conductivity [S/m] | 0.938      |
| Group   UID                      | LTE-FDD   10181-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.63                | Test Distance [mm]     | 10.00      |

**Hardware Setup**

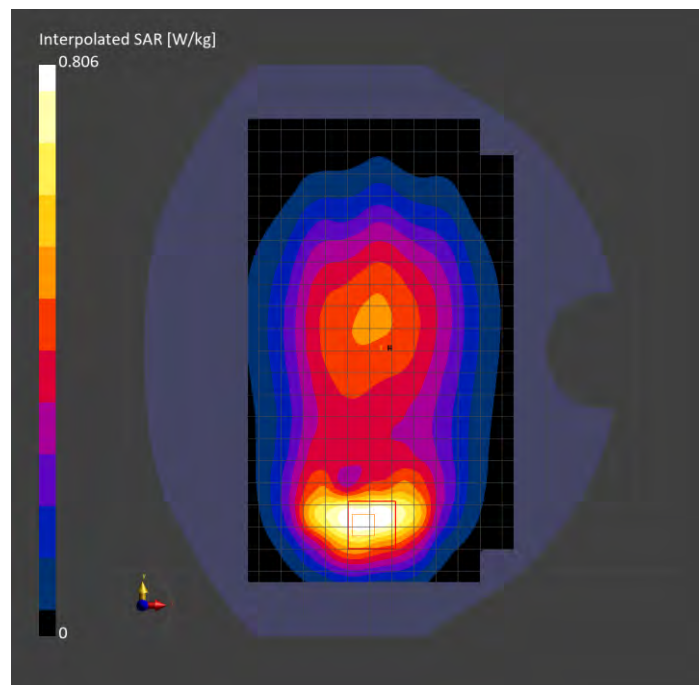
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 86.8                           |
| Dist 3dB Peak [mm]                       |               | 10.8                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.806   [-30.7, -79.2, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.435     | <b>0.474</b> |
| psSAR10g [W/Kg]  | 0.281     | <b>0.275</b> |
| Power Drift [dB] | N/A       | 0.11         |





# Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                     |                        |                |
|----------------------------------|---------------------|------------------------|----------------|
| Band                             | Band 41             | TSL Permittivity       | 38.5           |
| Frequency [MHz]   Channel Number | 2593.000   40620    | TSL Conductivity [S/m] | 1.91           |
| Group   UID                      | LTE-TDD   10435-AAG | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 8.02                | Test Distance [mm]     | 0.00           |

## Hardware Setup

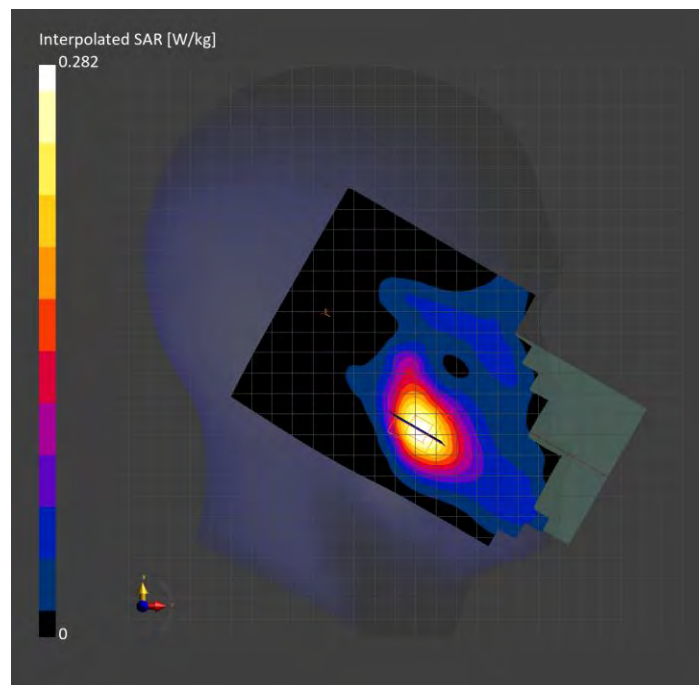
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 86.8                          |
| Dist 3dB Peak [mm]                       |               | 11.3                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.282   [53.1, 250.8, -174.6] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.176     | <b>0.176</b> |
| psSAR10g [W/Kg]  | 0.090     | <b>0.096</b> |
| Power Drift [dB] | N/A       | 0.01         |



# Band 41: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 41             | TSL Permittivity       | 38.5       |
| Frequency [MHz]   Channel Number | 2593.000   40620    | TSL Conductivity [S/m] | 1.91       |
| Group   UID                      | LTE-TDD   10435-AAG | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.02                | Test Distance [mm]     | 15.00      |

## Hardware Setup

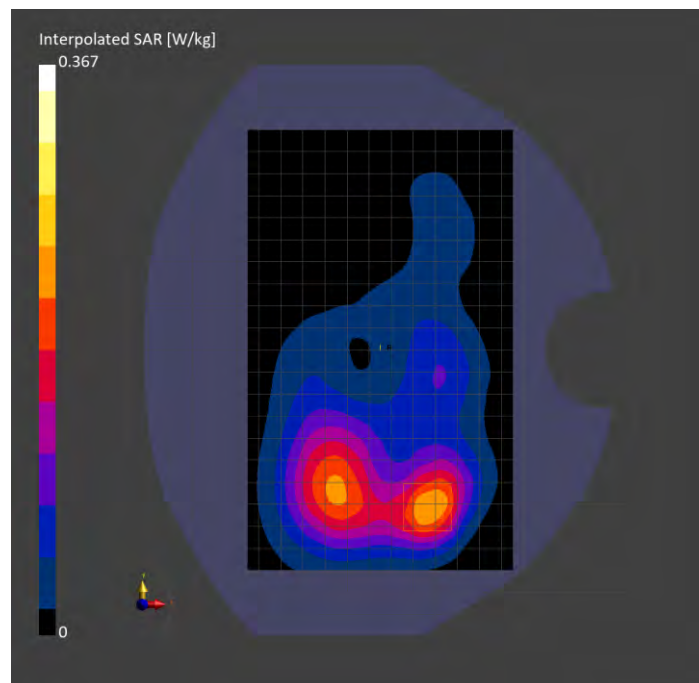
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 81.9                          |
| Dist 3dB Peak [mm]                       |               | 12.6                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.367   [-2.0, -73.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.197     | <b>0.197</b> |
| psSAR10g [W/Kg]  | 0.103     | <b>0.102</b> |
| Power Drift [dB] | N/A       | -0.08        |



# Band 41: LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 41             | TSL Permittivity       | 38.5       |
| Frequency [MHz]   Channel Number | 2593.000   40620    | TSL Conductivity [S/m] | 1.91       |
| Group   UID                      | LTE-TDD   10494-AAG | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.02                | Test Distance [mm]     | 10.00      |

## Hardware Setup

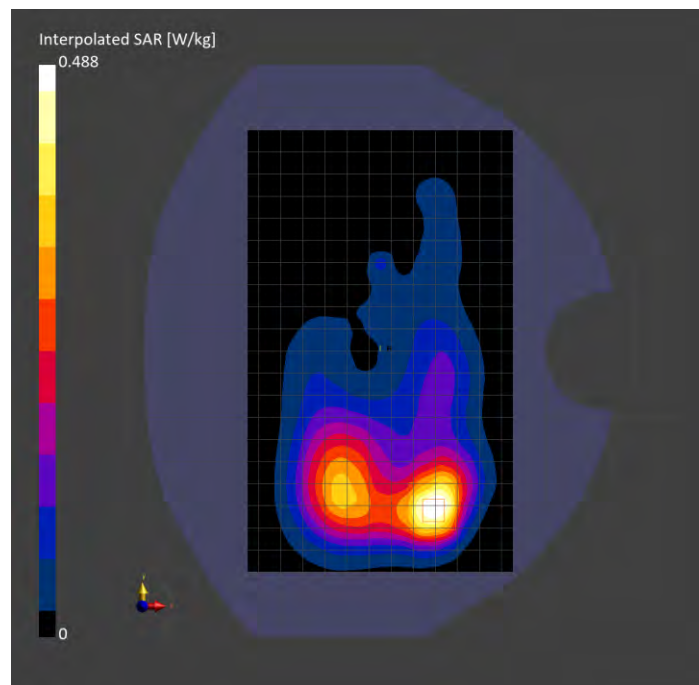
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 80.2                         |
| Dist 3dB Peak [mm]                       |               | 10.8                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.488   [0.0, -72.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.246     | <b>0.246</b> |
| psSAR10g [W/Kg]  | 0.125     | <b>0.122</b> |
| Power Drift [dB] | N/A       | -0.04        |



# Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                     |                        |                 |
|----------------------------------|---------------------|------------------------|-----------------|
| Band                             | Band 66             | TSL Permittivity       | 41.3            |
| Frequency [MHz]   Channel Number | 1745.000   132322   | TSL Conductivity [S/m] | 1.32            |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.92                | Test Distance [mm]     | 0.00            |

## Hardware Setup

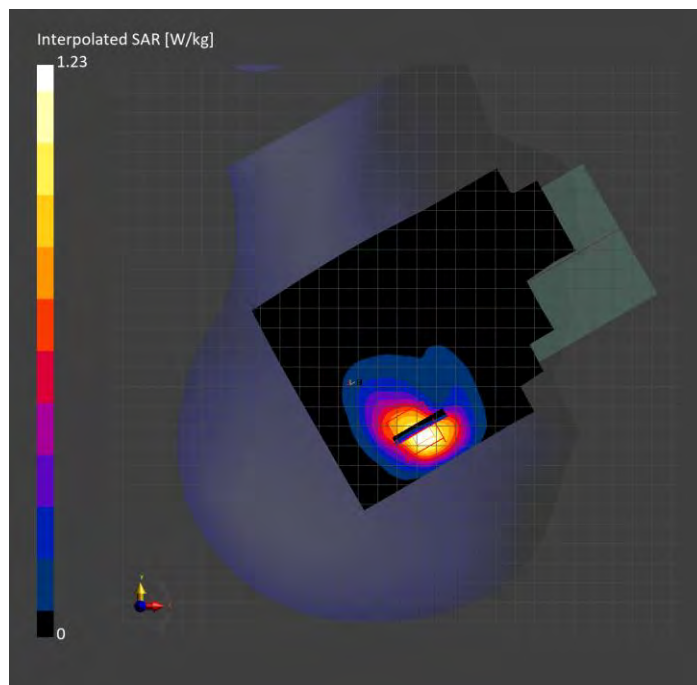
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 82.9                          |
| Dist 3dB Peak [mm]                       |               | 8.1                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.23   [43.5, -332.8, -174.2] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.596     | <b>0.642</b> |
| psSAR10g [W/Kg]  | 0.318     | <b>0.323</b> |
| Power Drift [dB] | N/A       | -0.01        |



# Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 66             | TSL Permittivity       | 41.3       |
| Frequency [MHz]   Channel Number | 1745.000   132322   | TSL Conductivity [S/m] | 1.32       |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.92                | Test Distance [mm]     | 15.00      |

## Hardware Setup

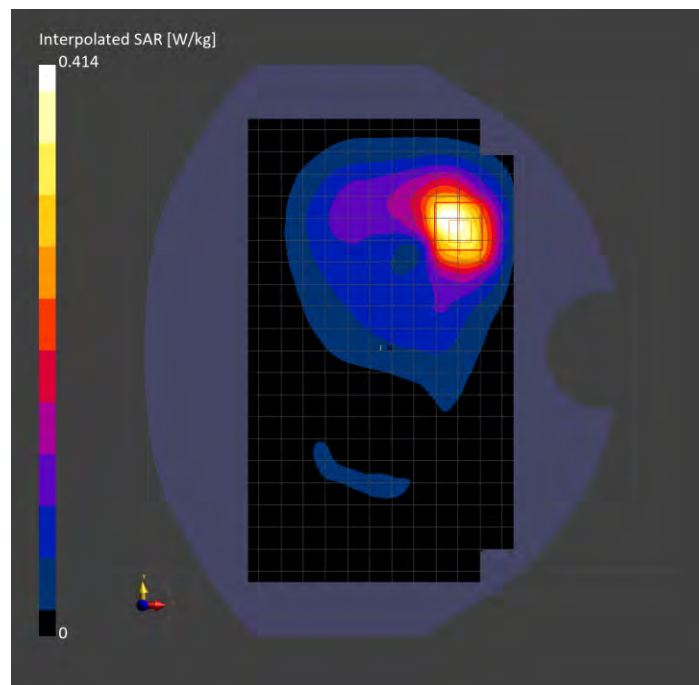
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 85.2                         |
| Dist 3dB Peak [mm]                       |               | 10.8                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.414   [10.7, 51.9, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.213     | <b>0.241</b> |
| psSAR10g [W/Kg]  | 0.120     | <b>0.132</b> |
| Power Drift [dB] | N/A       | -0.04        |



# Band 66: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                     |                        |            |
|----------------------------------|---------------------|------------------------|------------|
| Band                             | Band 66             | TSL Permittivity       | 41.3       |
| Frequency [MHz]   Channel Number | 1745.000   132322   | TSL Conductivity [S/m] | 1.32       |
| Group   UID                      | LTE-FDD   10169-CAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.92                | Test Distance [mm]     | 10.00      |

## Hardware Setup

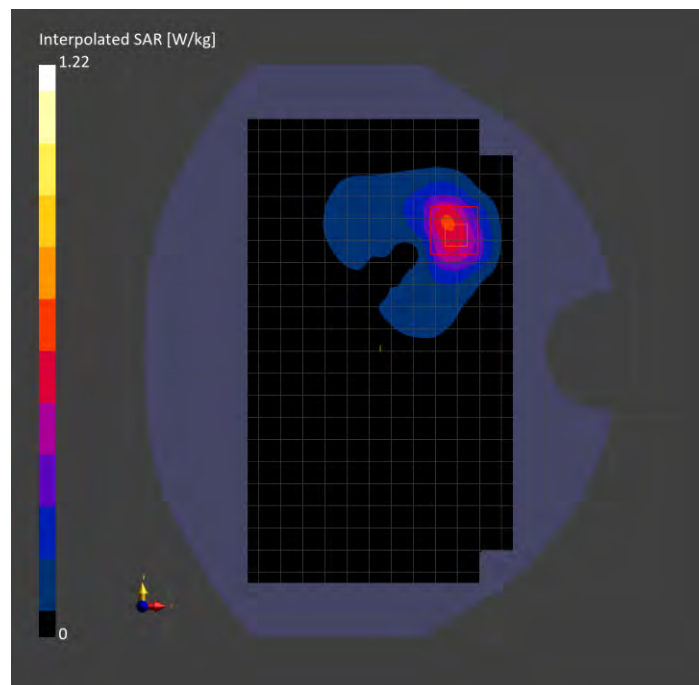
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                   |
|--|---------------|-----------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0          |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5             |
| Sensor Surface [mm]                      | 3.0           | 1.4                         |
| Graded Grid                              | N/A           | Yes                         |
| M2/M1 [%]                                |               | 81.1                        |
| Dist 3dB Peak [mm]                       |               | 7.7                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.22   [10.4, 50.7, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.516     | <b>0.631</b> |
| psSAR10g [W/Kg]  | 0.279     | <b>0.314</b> |
| Power Drift [dB] | N/A       | -0.12        |



**Band n5: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, CHEEK**

**Exposure Conditions**

|                                  |                           |                        |                 |
|----------------------------------|---------------------------|------------------------|-----------------|
| Band                             | Band n5                   | TSL Permittivity       | 43.6            |
| Frequency [MHz]   Channel Number | 836.500   167300          | TSL Conductivity [S/m] | 0.872           |
| Group   UID                      | 5G NR FR1 FDD   10931-AAC | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 0.00            |

**Hardware Setup**

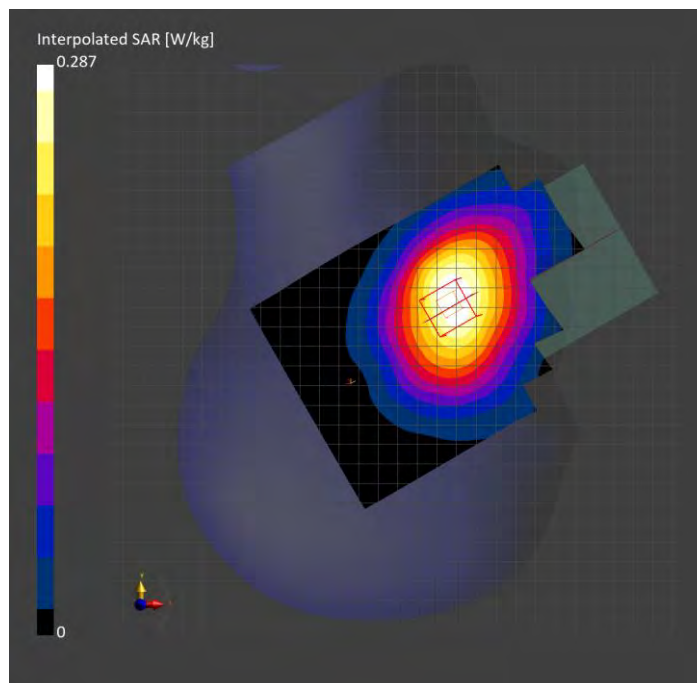
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 95.4                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.287   [52.8, -273.1, -176.3] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.245     | <b>0.247</b> |
| psSAR10g [W/Kg]  | 0.168     | <b>0.196</b> |
| Power Drift [dB] | N/A       | 0.01         |



**Band n5: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n5                   | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 836.500   167300          | TSL Conductivity [S/m] | 0.872      |
| Group   UID                      | 5G NR FR1 FDD   10939-AAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 15.00      |

**Hardware Setup**

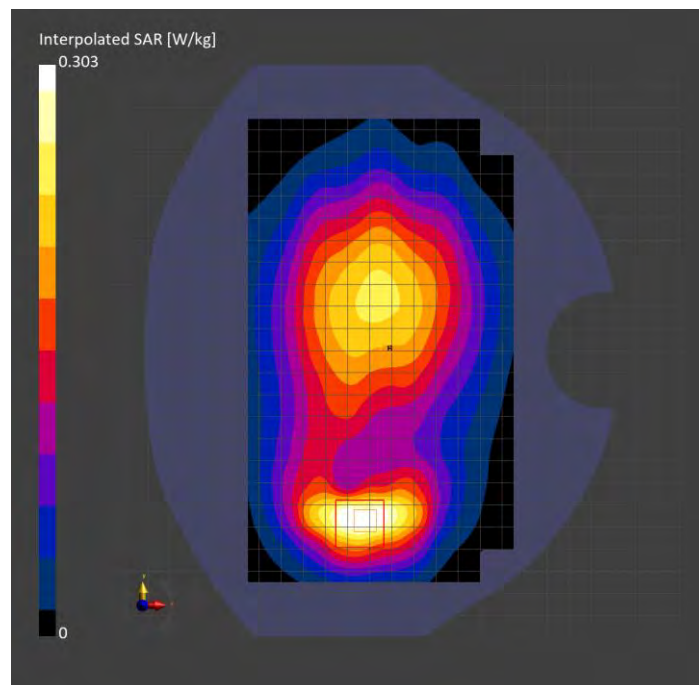
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 90.0                           |
| Dist 3dB Peak [mm]                       |               | 12.6                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.303   [-31.9, -76.8, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.182     | <b>0.193</b> |
| psSAR10g [W/Kg]  | 0.116     | <b>0.117</b> |
| Power Drift [dB] | N/A       | 0.05         |





**Band n5: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n5                   | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 836.500   167300          | TSL Conductivity [S/m] | 0.872      |
| Group   UID                      | 5G NR FR1 FDD   10931-AAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 10.00      |

**Hardware Setup**

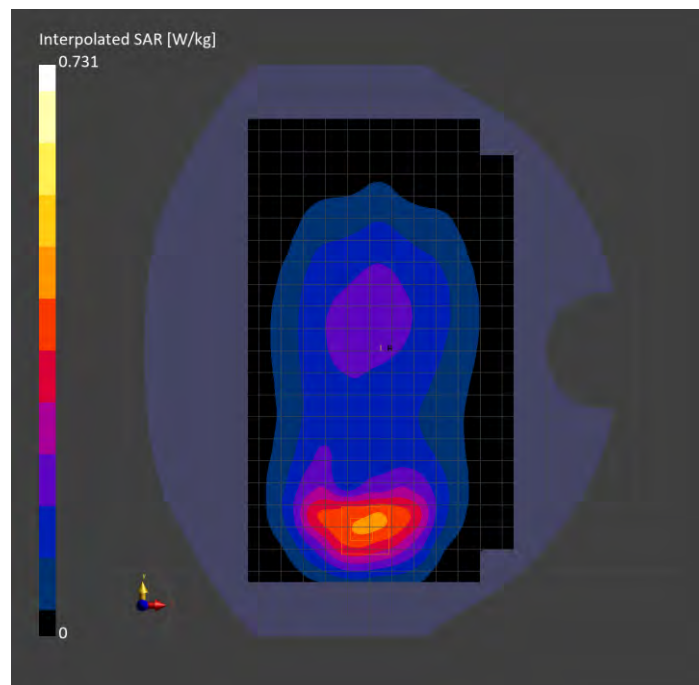
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 84.9                           |
| Dist 3dB Peak [mm]                       |               | 9.6                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.731   [-34.8, -80.6, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.386     | <b>0.436</b> |
| psSAR10g [W/Kg]  | 0.255     | <b>0.253</b> |
| Power Drift [dB] | N/A       | -0.00        |



**Band n26: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, CHEEK**

**Exposure Conditions**

|                                  |                           |                        |                 |
|----------------------------------|---------------------------|------------------------|-----------------|
| Band                             | Band n26                  | TSL Permittivity       | 43.6            |
| Frequency [MHz]   Channel Number | 831.500   166300          | TSL Conductivity [S/m] | 0.870           |
| Group   UID                      | 5G NR FR1 FDD   10939-AAC | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 0.00            |

**Hardware Setup**

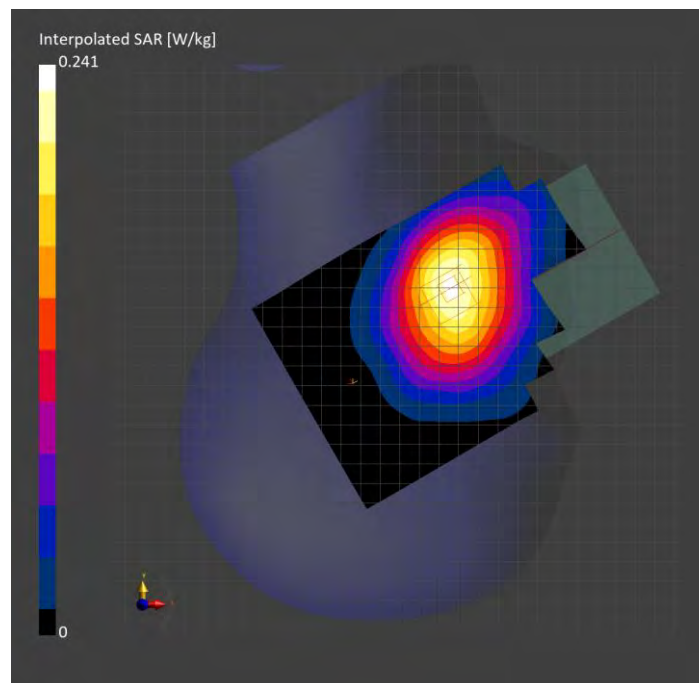
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 97.6                           |
| Dist 3dB Peak [mm]                       |               | > 15.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.241   [56.6, -259.5, -176.9] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.197     | <b>0.210</b> |
| psSAR10g [W/Kg]  | 0.136     | <b>0.167</b> |
| Power Drift [dB] | N/A       | -0.05        |



**Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n26                  | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 831.500   166300          | TSL Conductivity [S/m] | 0.870      |
| Group   UID                      | 5G NR FR1 FDD   10931-AAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 15.00      |

**Hardware Setup**

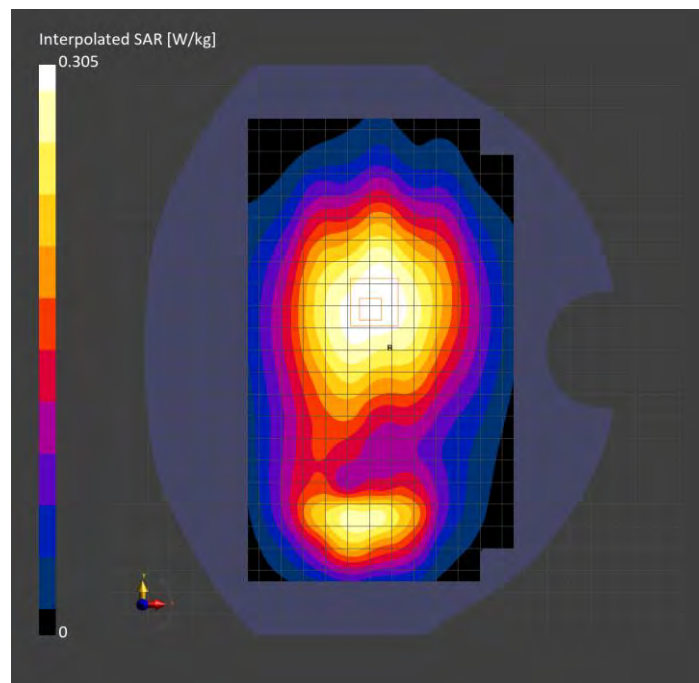
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 97.4                          |
| Dist 3dB Peak [mm]                       |               | > 15.0                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.305   [-29.5, 21.3, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.244     | <b>0.259</b> |
| psSAR10g [W/Kg]  | 0.172     | <b>0.204</b> |
| Power Drift [dB] | N/A       | -0.01        |



**Band n26: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n26                  | TSL Permittivity       | 43.6       |
| Frequency [MHz]   Channel Number | 831.500   166300          | TSL Conductivity [S/m] | 0.870      |
| Group   UID                      | 5G NR FR1 FDD   10931-AAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.5                       | Test Distance [mm]     | 10.00      |

**Hardware Setup**

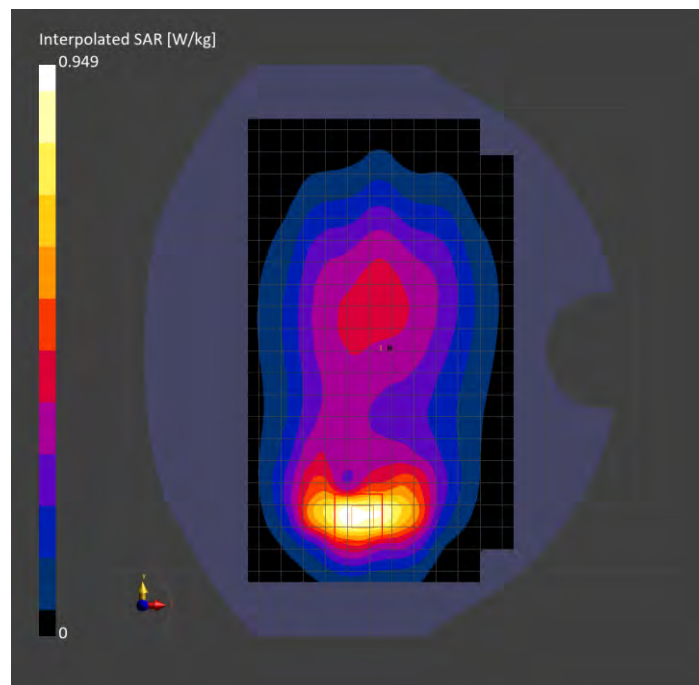
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 82.5                           |
| Dist 3dB Peak [mm]                       |               | 10.3                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.949   [-35.5, -74.4, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.535     | <b>0.562</b> |
| psSAR10g [W/Kg]  | 0.329     | <b>0.324</b> |
| Power Drift [dB] | N/A       | 0.08         |



# Band n41: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                           |                        |                |
|----------------------------------|---------------------------|------------------------|----------------|
| Band                             | Band n41                  | TSL Permittivity       | 40.9           |
| Frequency [MHz]   Channel Number | 2592.990   518598         | TSL Conductivity [S/m] | 1.87           |
| Group   UID                      | 5G NR FR1 TDD   10866-AAF | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 7.03                      | Test Distance [mm]     | 0.00           |

## Hardware Setup

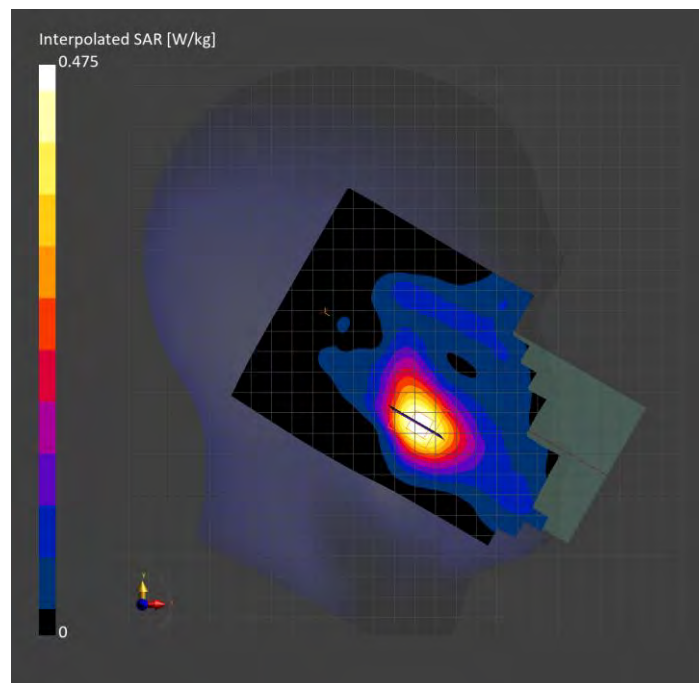
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 89.7                          |
| Dist 3dB Peak [mm]                       |               | 13.3                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.475   [54.9, 252.0, -174.4] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.290     | <b>0.298</b> |
| psSAR10g [W/Kg]  | 0.150     | <b>0.167</b> |
| Power Drift [dB] | N/A       | 0.02         |



**Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n41                  | TSL Permittivity       | 40.9       |
| Frequency [MHz]   Channel Number | 2592.990   518598         | TSL Conductivity [S/m] | 1.87       |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 7.03                      | Test Distance [mm]     | 15.00      |

**Hardware Setup**

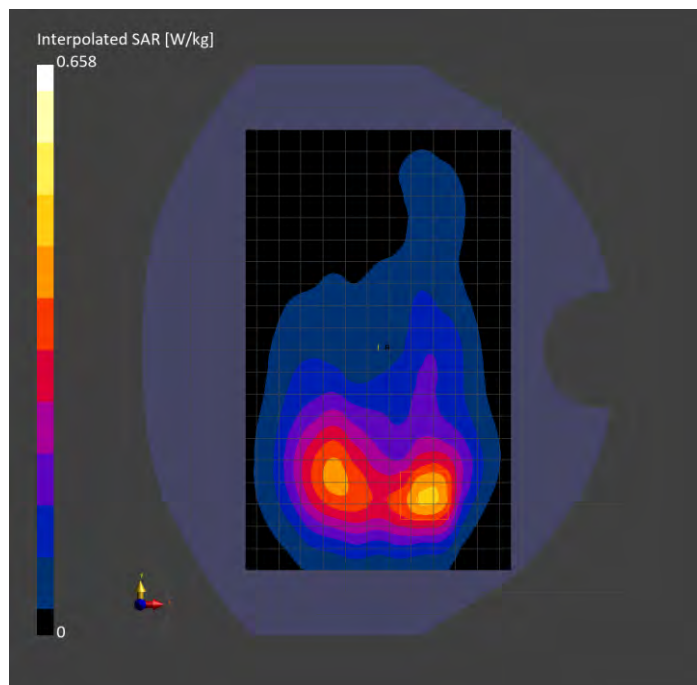
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 85.2                          |
| Dist 3dB Peak [mm]                       |               | 13.7                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.658   [-2.0, -67.0, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.371     | <b>0.371</b> |
| psSAR10g [W/Kg]  | 0.198     | <b>0.204</b> |
| Power Drift [dB] | N/A       | -0.02        |



**Band n41: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n41                  | TSL Permittivity       | 39.3       |
| Frequency [MHz]   Channel Number | 2592.990   518598         | TSL Conductivity [S/m] | 1.95       |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 7.58                      | Test Distance [mm]     | 10.00      |

**Hardware Setup**

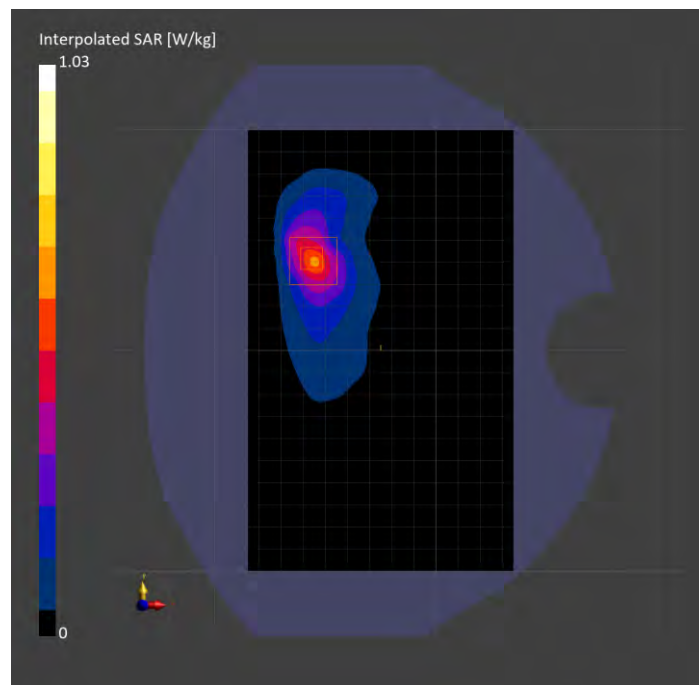
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7335   2023-01-26 | Phantom  | Twin-SAM V5.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1472   2023-01-23     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 78.1                         |
| Dist 3dB Peak [mm]                       |               | 8.5                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.04   [-58.0, 43.0, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.460     | <b>0.470</b> |
| psSAR10g [W/Kg]  | 0.215     | <b>0.213</b> |
| Power Drift [dB] | N/A       | -0.09        |



**Band n66: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, CHEEK**

**Exposure Conditions**

|                                  |                           |                        |                |
|----------------------------------|---------------------------|------------------------|----------------|
| Band                             | Band n66                  | TSL Permittivity       | 41.6           |
| Frequency [MHz]   Channel Number | 1745.000   349000         | TSL Conductivity [S/m] | 1.30           |
| Group   UID                      | 5G NR FR1 FDD   10939-AAC | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 8.92                      | Test Distance [mm]     | 0.00           |

**Hardware Setup**

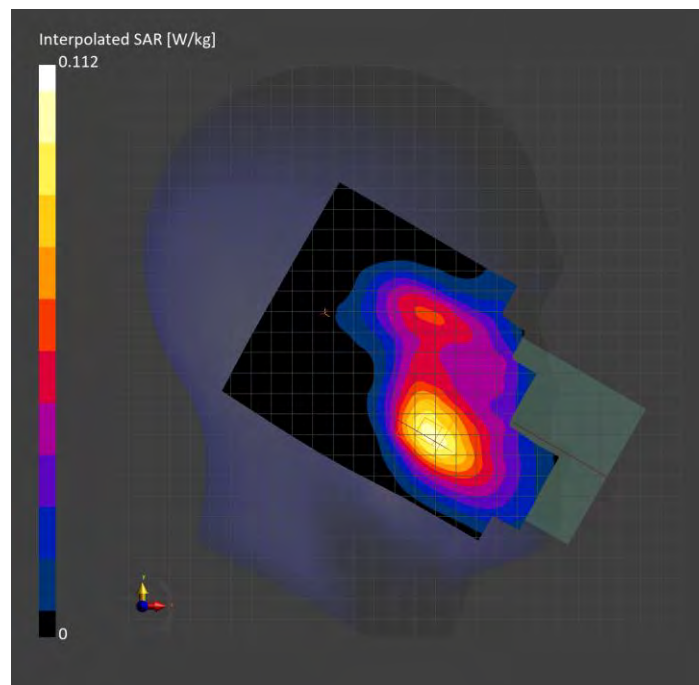
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 88.7                          |
| Dist 3dB Peak [mm]                       |               | 12.9                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.112   [59.6, 246.5, -172.9] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.072     | <b>0.077</b> |
| psSAR10g [W/Kg]  | 0.043     | <b>0.050</b> |
| Power Drift [dB] | N/A       | -0.05        |





**Band n66: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|   |                           |                               |            |
|---|---------------------------|-------------------------------|------------|
| <b>Band</b>                             | Band n66                  | <b>TSL Permittivity</b>       | 40.9       |
| <b>Frequency [MHz]   Channel Number</b> | 1745.000   349000         | <b>TSL Conductivity [S/m]</b> | 1.31       |
| <b>Group   UID</b>                      | 5G NR FR1 FDD   10931-AAC | <b>Phantom Section   TSL</b>  | Flat   HSL |
| <b>Conversion Factor</b>                | 8.03                      | <b>Test Distance [mm]</b>     | 15.00      |

**Hardware Setup**

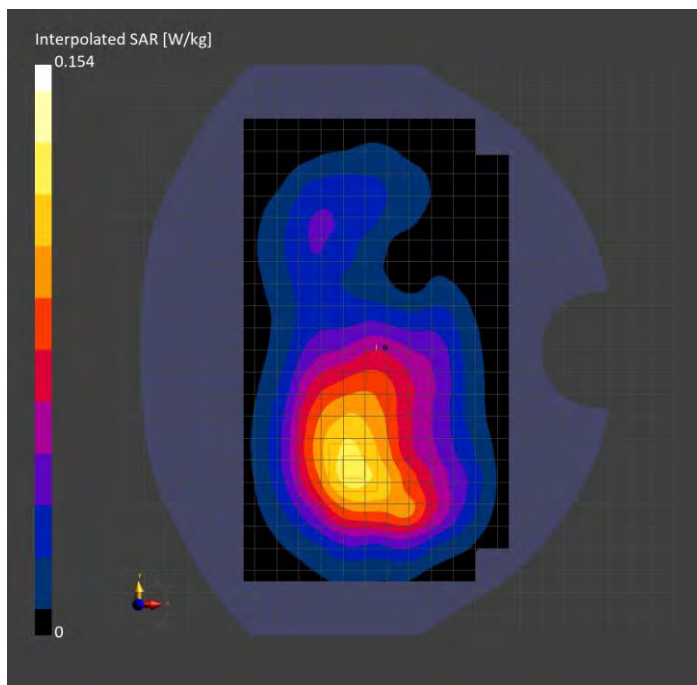
|                                 |                              |                 |                                  |
|---------------------------------|------------------------------|-----------------|----------------------------------|
| <b>Probe   Calibration Date</b> | EX3DV4 - SN7463   2023-04-19 | <b>Phantom</b>  | Twin-SAM V8.0 (30deg probe tilt) |
| <b>DAE   Calibration Date</b>   | DAE4 Sn1357   2023-01-27     | <b>TSL Type</b> | HBBL-600-10000                   |
| <b>Software Version</b>         | 16.2.4.2524                  |                 |                                  |

**Scan Setup**

|   | <b>Area Scan</b> | <b>Zoom Scan</b>               |
|---|------------------|--------------------------------|
| <b>Grid Extents [mm]</b>                        | 120.0 x 210.0    | 30.0 x 30.0 x 30.0             |
| <b>Grid Steps [mm]</b>                          | 15.0 x 15.0      | 6.0 x 6.0 x 1.5                |
| <b>Sensor Surface [mm]</b>                      | 3.0              | 1.4                            |
| <b>Graded Grid</b>                              | N/A              | Yes                            |
| <b>M2/M1 [%]</b>                                |                  | 90.8                           |
| <b>Dist 3dB Peak [mm]</b>                       |                  | > 15.0                         |
| <b>Peak SAR [W/kg]   SAR Peak Location [mm]</b> | N/A              | 0.154   [-33.7, -53.7, -207.0] |

**Measurement Results**

|                         | <b>Area Scan</b> | <b>Zoom Scan</b> |
|-------------------------|------------------|------------------|
| <b>psSAR1g [W/Kg]</b>   | 0.104            | <b>0.109</b>     |
| <b>psSAR10g [W/Kg]</b>  | 0.065            | <b>0.074</b>     |
| <b>Power Drift [dB]</b> | N/A              | 0.05             |



# Band n66: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n66                  | TSL Permittivity       | 40.9       |
| Frequency [MHz]   Channel Number | 1745.000   349000         | TSL Conductivity [S/m] | 1.31       |
| Group   UID                      | 5G NR FR1 FDD   10939-AAC | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 8.03                      | Test Distance [mm]     | 10.00      |

## Hardware Setup

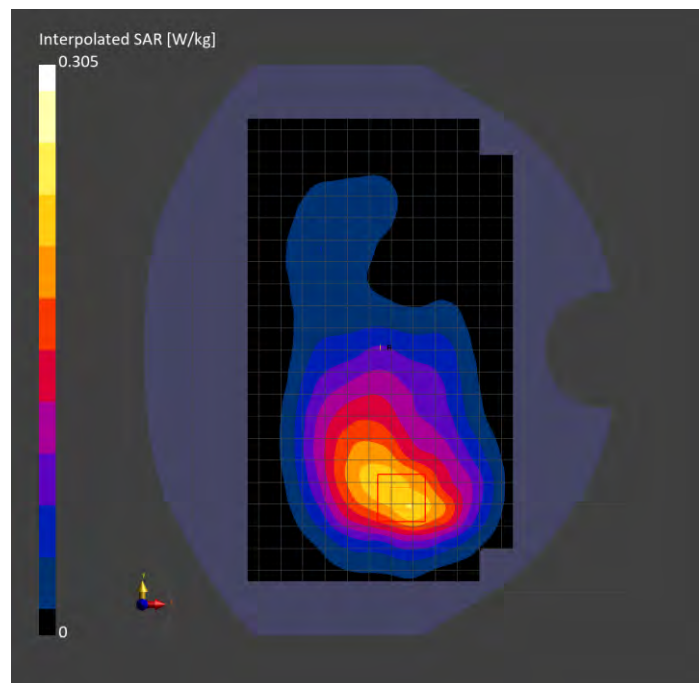
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 30.0 x 30.0 x 30.0            |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 90.2                          |
| Dist 3dB Peak [mm]                       |               | 16.4                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.305   [-3.7, -72.3, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.192     | <b>0.208</b> |
| psSAR10g [W/Kg]  | 0.119     | <b>0.136</b> |
| Power Drift [dB] | N/A       | 0.03         |



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, CHEEK**

**Exposure Conditions**

|                                  |                           |                        |                 |
|----------------------------------|---------------------------|------------------------|-----------------|
| Band                             | Band n77                  | TSL Permittivity       | 39.5            |
| Frequency [MHz]   Channel Number | 3499.995   633333         | TSL Conductivity [S/m] | 2.77            |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 7.04                      | Test Distance [mm]     | 0.00            |

**Hardware Setup**

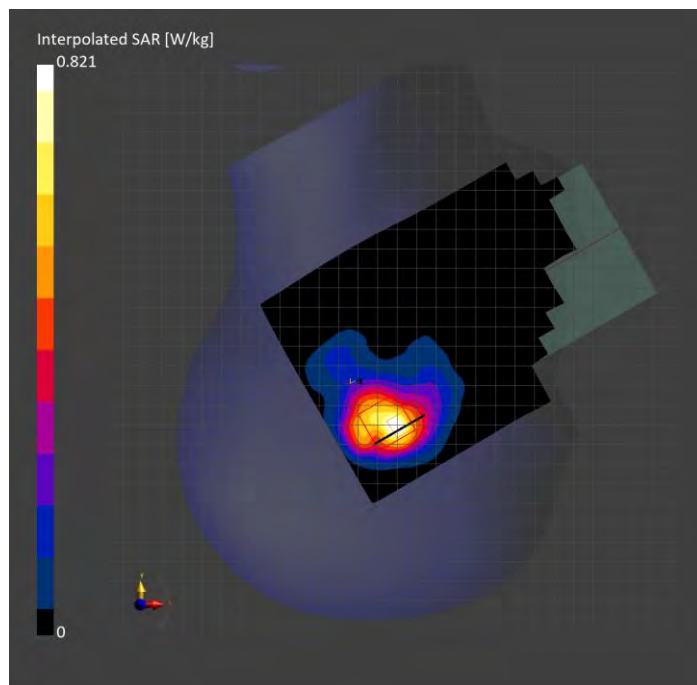
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0             |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 74.0                           |
| Dist 3dB Peak [mm]                       |               | 8.3                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.821   [30.4, -333.8, -174.5] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.312     | <b>0.311</b> |
| psSAR10g [W/Kg]  | 0.141     | <b>0.138</b> |
| Power Drift [dB] | N/A       | 0.05         |



# Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 39.5       |
| Frequency [MHz]   Channel Number | 3499.995   633333         | TSL Conductivity [S/m] | 2.77       |
| Group   UID                      | 5G NR FR1 TDD   10866-AAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 7.04                      | Test Distance [mm]     | 15.00      |

## Hardware Setup

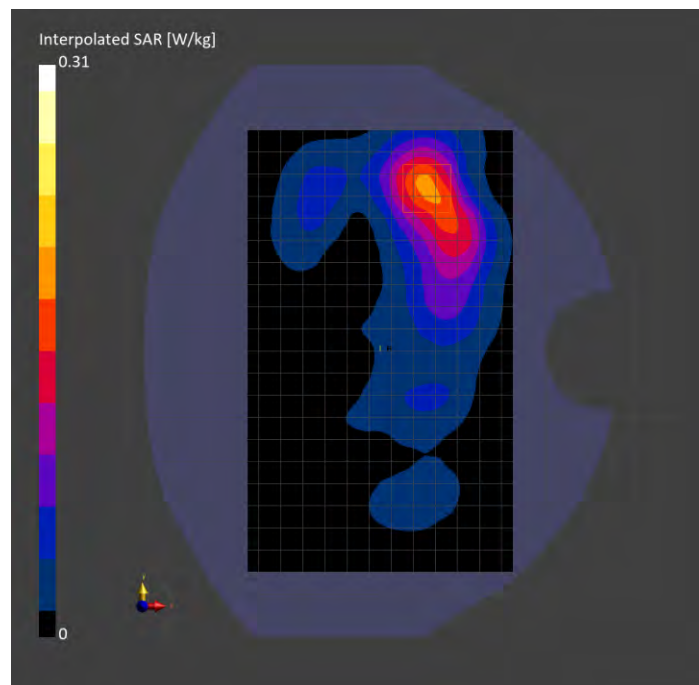
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 77.7                         |
| Dist 3dB Peak [mm]                       |               | 13.5                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.310   [-4.0, 75.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.147     | <b>0.144</b> |
| psSAR10g [W/Kg]  | 0.073     | <b>0.070</b> |
| Power Drift [dB] | N/A       | -0.12        |



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 39.5       |
| Frequency [MHz]   Channel Number | 3499.995   633333         | TSL Conductivity [S/m] | 2.77       |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 7.04                      | Test Distance [mm]     | 10.00      |

**Hardware Setup**

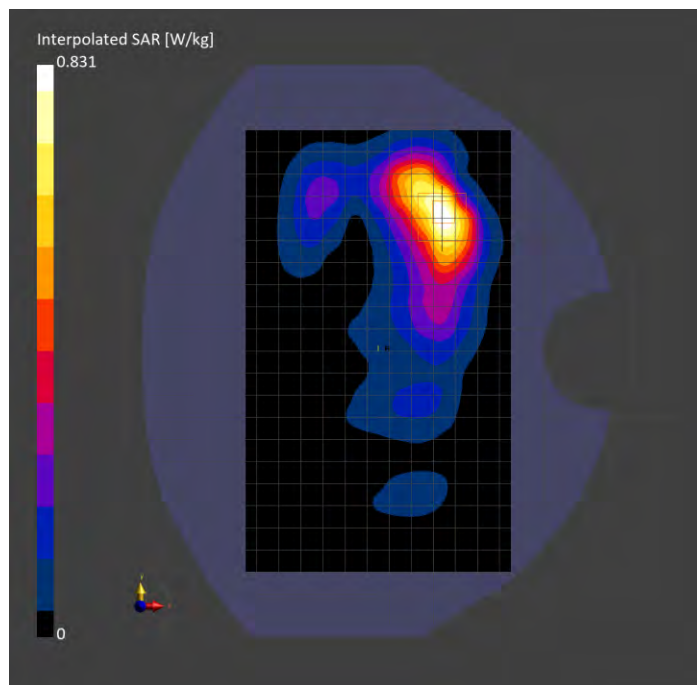
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                   |
|--|---------------|-----------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0          |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4             |
| Sensor Surface [mm]                      | 3.0           | 1.4                         |
| Graded Grid                              | N/A           | Yes                         |
| M2/M1 [%]                                |               | 74.6                        |
| Dist 3dB Peak [mm]                       |               | 9.3                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.830   [4.0, 65.0, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.318     | <b>0.331</b> |
| psSAR10g [W/Kg]  | 0.147     | <b>0.145</b> |
| Power Drift [dB] | N/A       | -0.12        |



# Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 39.2       |
| Frequency [MHz]   Channel Number | 3499.995   633333         | TSL Conductivity [S/m] | 2.78       |
| Group   UID                      | 5G NR FR1 TDD   10866-AAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.87                      | Test Distance [mm]     | 0.00       |

## Hardware Setup

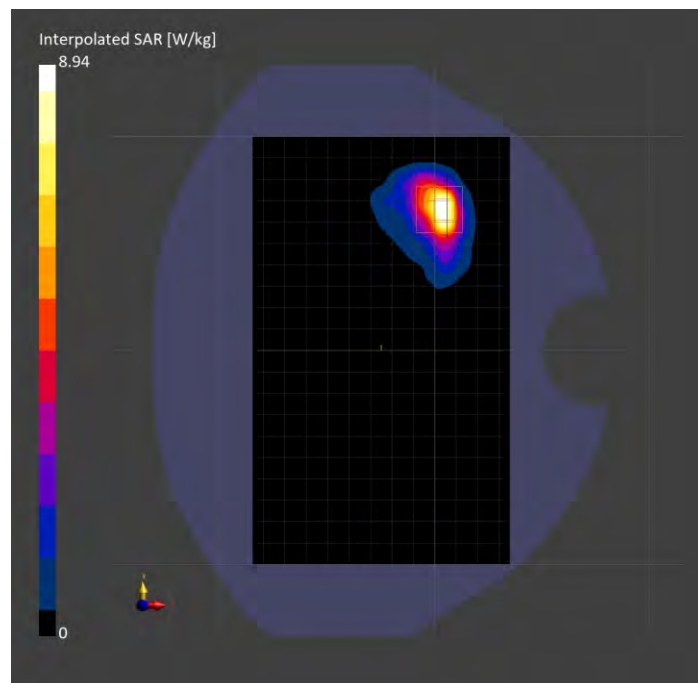
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7335   2023-01-26 | Phantom  | Twin-SAM V5.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1472   2023-01-23     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                  |
|--|---------------|----------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0         |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4            |
| Sensor Surface [mm]                      | 3.0           | 1.4                        |
| Graded Grid                              | N/A           | Yes                        |
| M2/M1 [%]                                |               | 70.2                       |
| Dist 3dB Peak [mm]                       |               | 5.4                        |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 8.94   [6.0, 66.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan |
|------------------|-----------|-----------|
| psSAR1g [W/Kg]   | 2.57      | 2.81      |
| psSAR10g [W/Kg]  | 0.989     | 0.976     |
| Power Drift [dB] | N/A       | -0.00     |



# Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, CHEEK

## Exposure Conditions

|                                  |                           |                        |                 |
|----------------------------------|---------------------------|------------------------|-----------------|
| Band                             | Band n77                  | TSL Permittivity       | 38.5            |
| Frequency [MHz]   Channel Number | 3858.000   657200         | TSL Conductivity [S/m] | 3.28            |
| Group   UID                      | 5G NR FR1 TDD   10866-AAF | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 6.15                      | Test Distance [mm]     | 0.00            |

## Hardware Setup

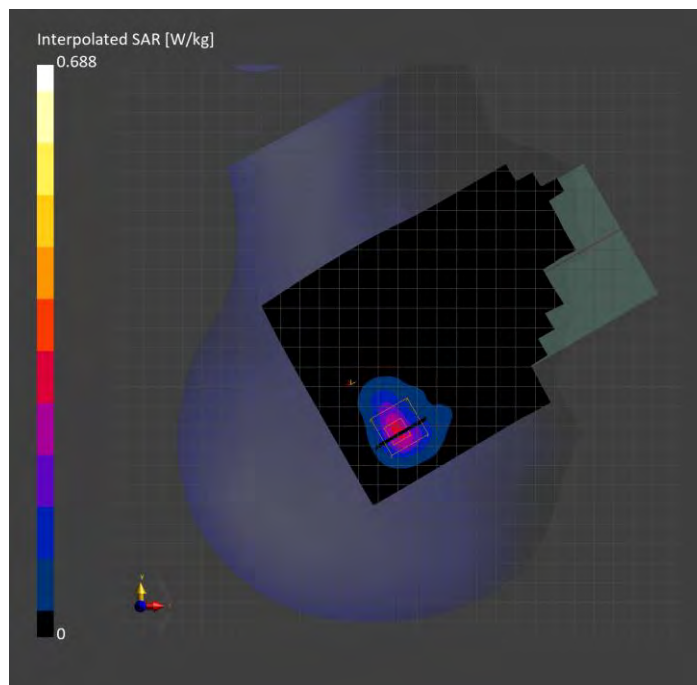
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0             |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 80.8                           |
| Dist 3dB Peak [mm]                       |               | 8.3                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.588   [31.4, -335.4, -174.4] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.218     | <b>0.237</b> |
| psSAR10g [W/Kg]  | 0.086     | <b>0.093</b> |
| Power Drift [dB] | N/A       | 0.04         |



**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 38.5       |
| Frequency [MHz]   Channel Number | 3858.000   657200         | TSL Conductivity [S/m] | 3.28       |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.15                      | Test Distance [mm]     | 15.00      |

**Hardware Setup**

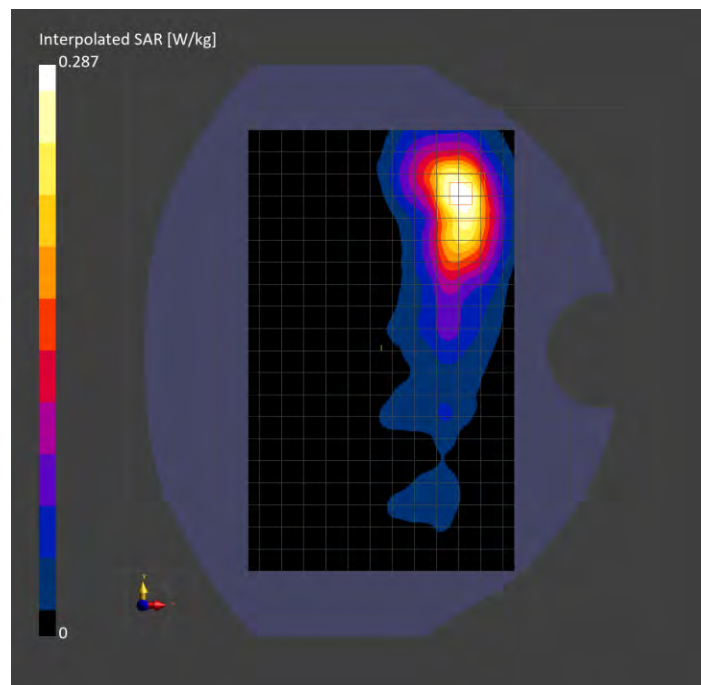
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 80.5                         |
| Dist 3dB Peak [mm]                       |               | 11.2                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.287   [11.0, 72.0, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.124     | <b>0.128</b> |
| psSAR10g [W/Kg]  | 0.056     | <b>0.057</b> |
| Power Drift [dB] | N/A       | -0.08        |





**Band n77: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid  
AntennaCfg:SISO, BACK**

**Exposure Conditions**

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 38.5       |
| Frequency [MHz]   Channel Number | 3858.000   657200         | TSL Conductivity [S/m] | 3.28       |
| Group   UID                      | 5G NR FR1 TDD   10917-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.15                      | Test Distance [mm]     | 10.00      |

**Hardware Setup**

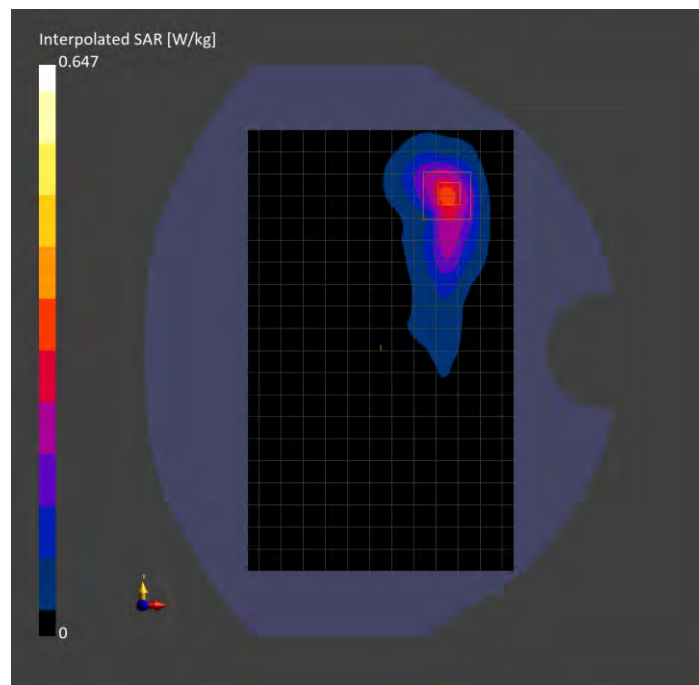
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

**Scan Setup**

|  | Area Scan     | Zoom Scan                   |
|--|---------------|-----------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0          |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4             |
| Sensor Surface [mm]                      | 3.0           | 1.4                         |
| Graded Grid                              | N/A           | Yes                         |
| M2/M1 [%]                                |               | 81.0                        |
| Dist 3dB Peak [mm]                       |               | 9.3                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.647   [6.0, 72.0, -207.0] |

**Measurement Results**

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.257     | <b>0.275</b> |
| psSAR10g [W/Kg]  | 0.106     | <b>0.115</b> |
| Power Drift [dB] | N/A       | -0.11        |



# Band n77: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, BACK

## Exposure Conditions

|                                  |                           |                        |            |
|----------------------------------|---------------------------|------------------------|------------|
| Band                             | Band n77                  | TSL Permittivity       | 38.6       |
| Frequency [MHz]   Channel Number | 3858.000   657200         | TSL Conductivity [S/m] | 3.13       |
| Group   UID                      | 5G NR FR1 TDD   10866-AAF | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.75                      | Test Distance [mm]     | 0.00       |

## Hardware Setup

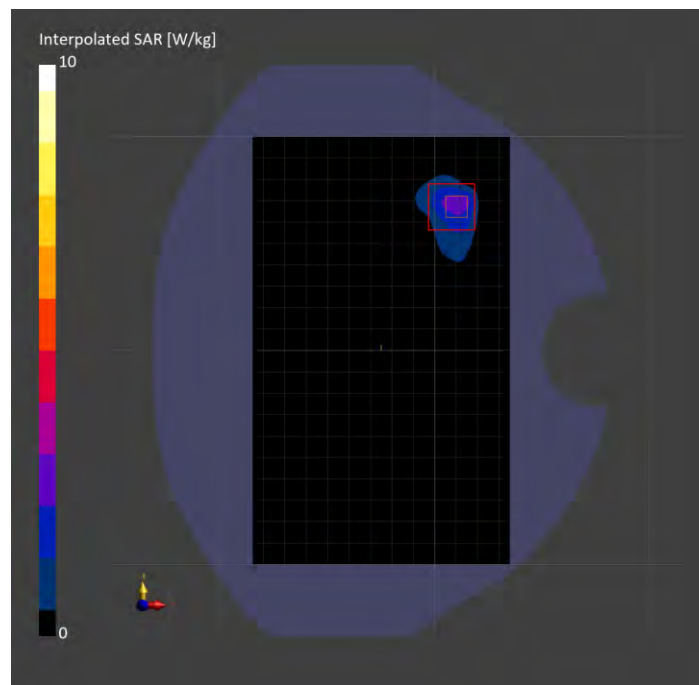
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7335   2023-01-26 | Phantom  | Twin-SAM V5.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1472   2023-01-23     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                   |
|--|---------------|-----------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 28.0          |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.4             |
| Sensor Surface [mm]                      | 3.0           | 1.4                         |
| Graded Grid                              | N/A           | Yes                         |
| M2/M1 [%]                                |               | 65.6                        |
| Dist 3dB Peak [mm]                       |               | 5.0                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 10.0   [12.0, 65.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan |
|------------------|-----------|-----------|
| psSAR1g [W/Kg]   | 2.17      | 2.67      |
| psSAR10g [W/Kg]  | 0.822     | 0.864     |
| Power Drift [dB] | N/A       | 0.01      |



# WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), TILT

## Exposure Conditions

|                                  |                  |                        |                 |
|----------------------------------|------------------|------------------------|-----------------|
| Band                             | WLAN 2.4GHz      | TSL Permittivity       | 40.4            |
| Frequency [MHz]   Channel Number | 2437.000   6     | TSL Conductivity [S/m] | 1.77            |
| Group   UID                      | WLAN   10415-AAA | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 6.87             | Test Distance [mm]     | 0.00            |

## Hardware Setup

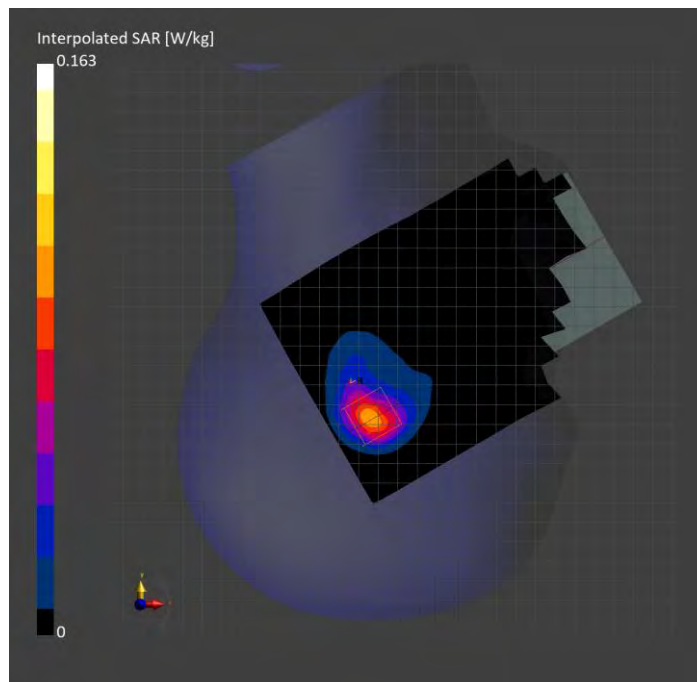
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 79.5                           |
| Dist 3dB Peak [mm]                       |               | 8.7                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.163   [16.4, -327.7, -174.2] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.082     | <b>0.077</b> |
| psSAR10g [W/Kg]  | 0.039     | <b>0.036</b> |
| Power Drift [dB] | N/A       | -0.06        |



# WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                  |                        |            |
|----------------------------------|------------------|------------------------|------------|
| Band                             | WLAN 2.4GHz      | TSL Permittivity       | 40.4       |
| Frequency [MHz]   Channel Number | 2437.000   6     | TSL Conductivity [S/m] | 1.77       |
| Group   UID                      | WLAN   10415-AAA | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.87             | Test Distance [mm]     | 15.00      |

## Hardware Setup

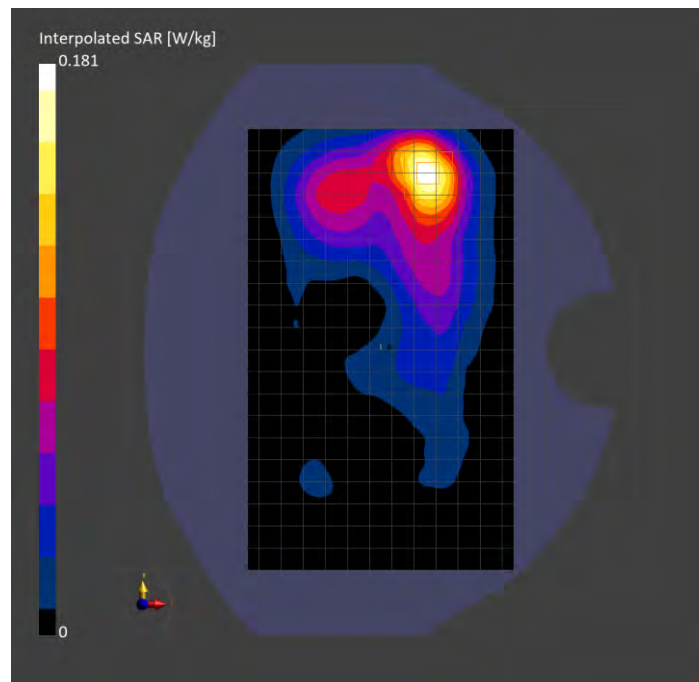
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 84.0                         |
| Dist 3dB Peak [mm]                       |               | 11.7                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.181   [-4.5, 82.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.091     | <b>0.098</b> |
| psSAR10g [W/Kg]  | 0.047     | <b>0.050</b> |
| Power Drift [dB] | N/A       | -0.03        |



# WLAN 2.4GHz: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                  |                        |            |
|----------------------------------|------------------|------------------------|------------|
| Band                             | WLAN 2.4GHz      | TSL Permittivity       | 40.4       |
| Frequency [MHz]   Channel Number | 2437.000   6     | TSL Conductivity [S/m] | 1.77       |
| Group   UID                      | WLAN   10415-AAA | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.87             | Test Distance [mm]     | 10.00      |

## Hardware Setup

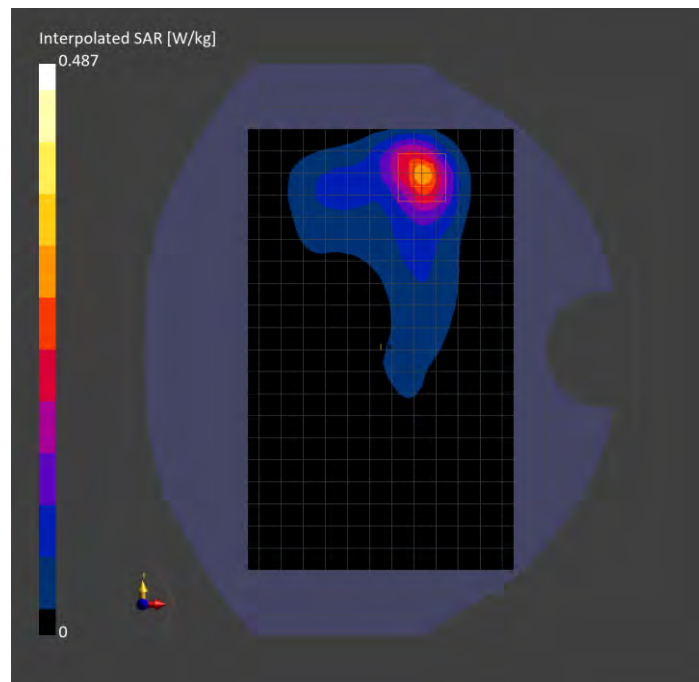
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 82.8                         |
| Dist 3dB Peak [mm]                       |               | 9.5                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.488   [-6.5, 80.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.241     | <b>0.250</b> |
| psSAR10g [W/Kg]  | 0.118     | <b>0.121</b> |
| Power Drift [dB] | N/A       | -0.04        |



# U-NII-1, U-NII-2A: IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK), TILT

## Exposure Conditions

|                                  |                   |                        |                |
|----------------------------------|-------------------|------------------------|----------------|
| Band                             | U-NII-1, U-NII-2A | TSL Permittivity       | 35.9           |
| Frequency [MHz]   Channel Number | 5310.000   62     | TSL Conductivity [S/m] | 4.55           |
| Group   UID                      | WLAN   10114-CAE  | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 5.58              | Test Distance [mm]     | 0.00           |

## Hardware Setup

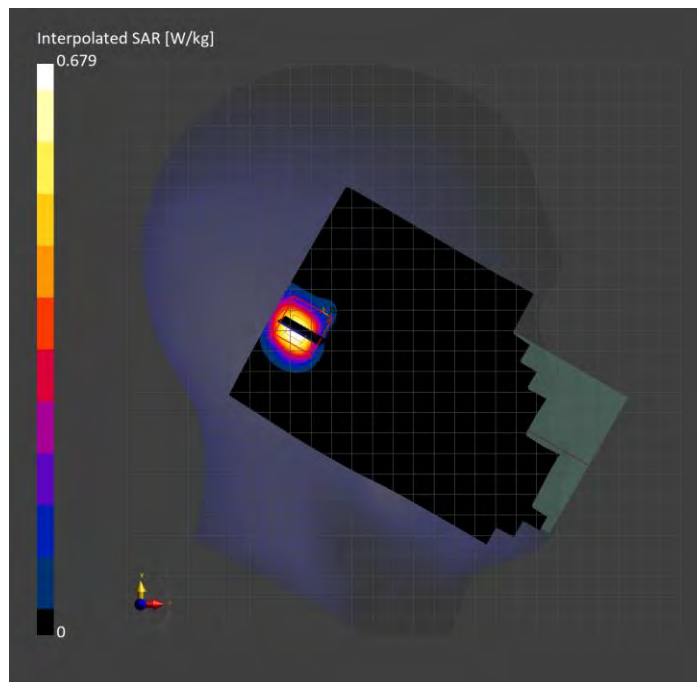
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 24.0 x 24.0 x 22.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 65.6                          |
| Dist 3dB Peak [mm]                       |               | 8.8                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.679   [-7.8, 298.5, -169.5] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.192     | <b>0.204</b> |
| psSAR10g [W/Kg]  | 0.069     | <b>0.066</b> |
| Power Drift [dB] | N/A       | 0.00         |



# U-NII-1, U-NII-2A: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | U-NII-1, U-NII-2A | TSL Permittivity       | 34.9       |
| Frequency [MHz]   Channel Number | 5300.000   60     | TSL Conductivity [S/m] | 4.55       |
| Group   UID                      | WLAN   10417-AAD  | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 5.14              | Test Distance [mm]     | 15.00      |

## Hardware Setup

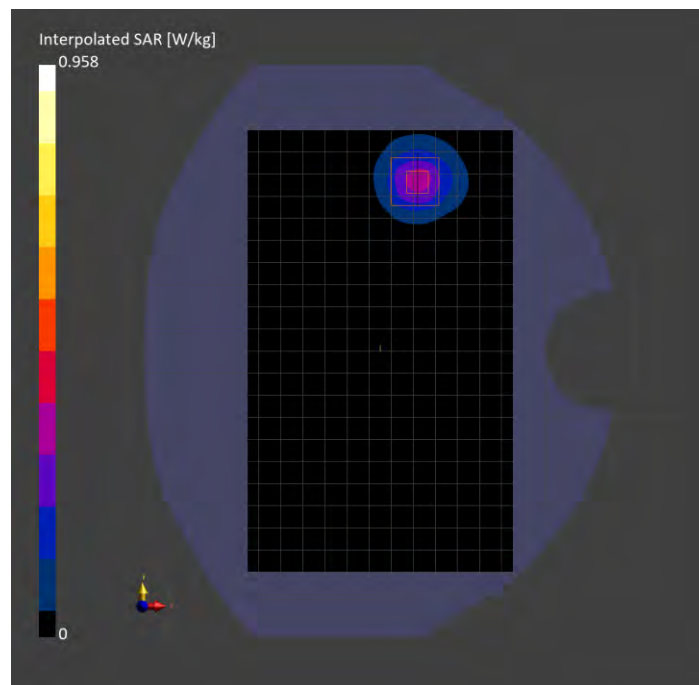
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN3773   2023-02-13 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 22.0 x 22.0 x 22.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 64.5                         |
| Dist 3dB Peak [mm]                       |               | 11.5                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.958   [-7.9, 76.7, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.266     | <b>0.281</b> |
| psSAR10g [W/Kg]  | 0.103     | <b>0.103</b> |
| Power Drift [dB] | N/A       | 0.03         |



# U-NII-1, U-NII-2A: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | U-NII-1, U-NII-2A | TSL Permittivity       | 35.0       |
| Frequency [MHz]   Channel Number | 5220.000   44     | TSL Conductivity [S/m] | 4.46       |
| Group   UID                      | WLAN   10417-AAD  | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 5.14              | Test Distance [mm]     | 10.00      |

## Hardware Setup

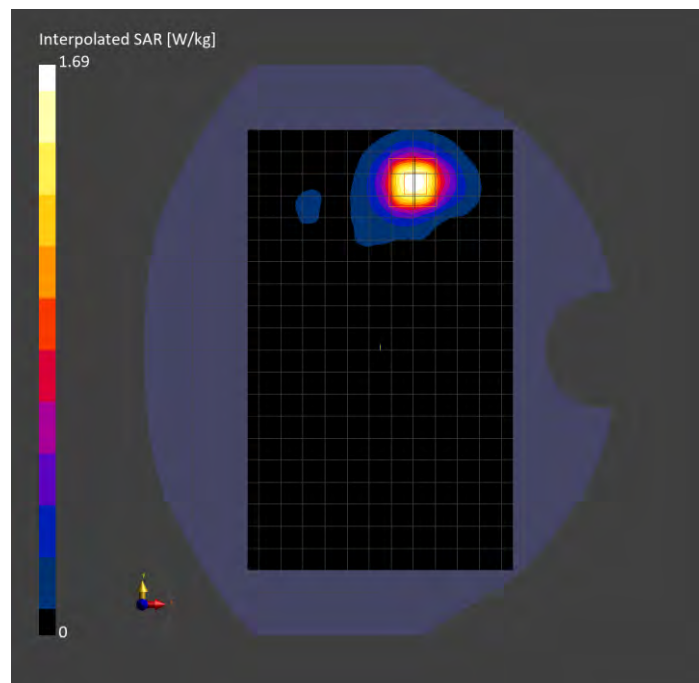
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN3773   2023-02-13 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                   |
|--|---------------|-----------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 24.0 x 24.0 x 22.0          |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4             |
| Sensor Surface [mm]                      | 3.0           | 1.4                         |
| Graded Grid                              | N/A           | Yes                         |
| M2/M1 [%]                                |               | 65.0                        |
| Dist 3dB Peak [mm]                       |               | 8.7                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.69   [-9.2, 75.2, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.426     | <b>0.482</b> |
| psSAR10g [W/Kg]  | 0.157     | <b>0.160</b> |
| Power Drift [dB] | N/A       | 0.03         |





# U-NII-1, U-NII-2A: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), EDGE TOP

## Exposure Conditions

|                                  |                   |                        |            |
|----------------------------------|-------------------|------------------------|------------|
| Band                             | U-NII-1, U-NII-2A | TSL Permittivity       | 36.3       |
| Frequency [MHz]   Channel Number | 5300.000   60     | TSL Conductivity [S/m] | 4.56       |
| Group   UID                      | WLAN   10417-AAD  | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 5.58              | Test Distance [mm]     | 4.00       |

## Hardware Setup

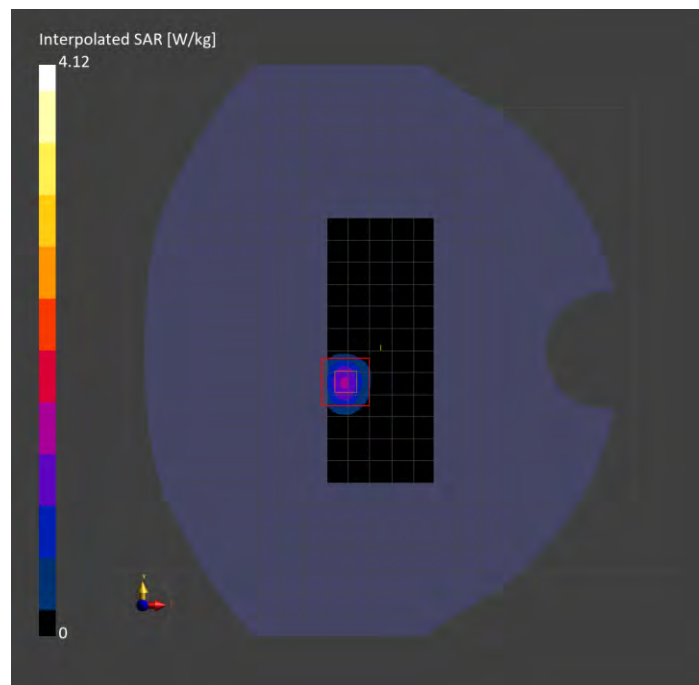
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                     |
|--|--------------|-------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 22.0 x 22.0 x 22.0            |
| Grid Steps [mm]                          | 8.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0          | 1.4                           |
| Graded Grid                              | N/A          | Yes                           |
| M2/M1 [%]                                |              | 64.6                          |
| Dist 3dB Peak [mm]                       |              | 6.9                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 4.12   [-40.2, -14.8, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.964     | <b>1.06</b>  |
| psSAR10g [W/Kg]  | 0.288     | <b>0.305</b> |
| Power Drift [dB] | N/A       | -0.06        |



# WLAN 5GHz: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), TILT

## Exposure Conditions

|                                  |                  |                        |                |
|----------------------------------|------------------|------------------------|----------------|
| Band                             | WLAN 5GHz        | TSL Permittivity       | 34.3           |
| Frequency [MHz]   Channel Number | 5610.000   122   | TSL Conductivity [S/m] | 5.05           |
| Group   UID                      | WLAN   10544-AAD | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 4.81             | Test Distance [mm]     | 0.00           |

## Hardware Setup

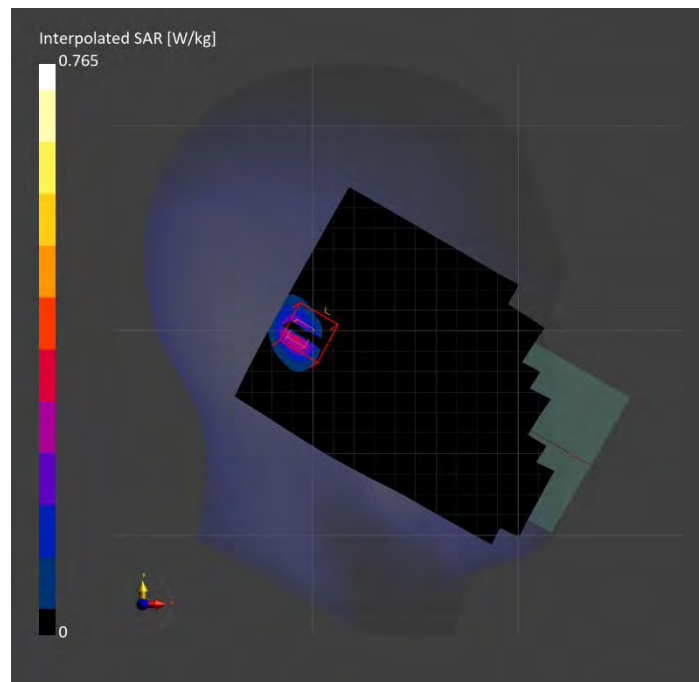
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7335   2023-01-26 | Phantom  | Twin-SAM V5.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1472   2023-01-23     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 22.0 x 22.0 x 22.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 67.2                          |
| Dist 3dB Peak [mm]                       |               | 8.6                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.765   [-7.6, 296.4, -169.3] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.224     | <b>0.222</b> |
| psSAR10g [W/Kg]  | 0.076     | <b>0.069</b> |
| Power Drift [dB] | N/A       | -0.05        |



# U-NII-2C Standalone: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                  |                        |            |
|----------------------------------|------------------|------------------------|------------|
| Band                             | WLAN 5GHz        | TSL Permittivity       | 34.5       |
| Frequency [MHz]   Channel Number | 5500.000   100   | TSL Conductivity [S/m] | 4.77       |
| Group   UID                      | WLAN   10417-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 4.58             | Test Distance [mm]     | 15.00      |

## Hardware Setup

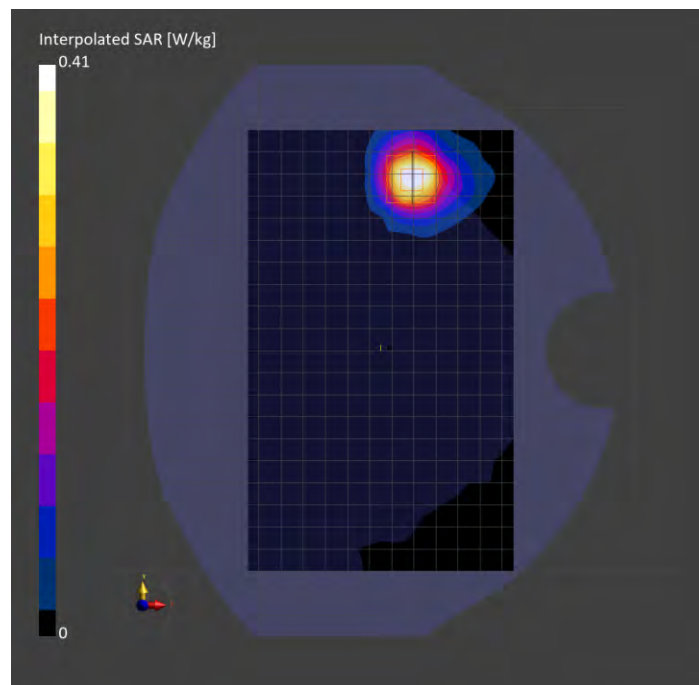
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN3773   2023-02-13 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 22.0 x 22.0 x 22.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 62.4                          |
| Dist 3dB Peak [mm]                       |               | 11.2                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.410   [-10.7, 77.2, -210.1] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.105     | <b>0.111</b> |
| psSAR10g [W/Kg]  | 0.040     | <b>0.038</b> |
| Power Drift [dB] | N/A       | 0.02         |



# WLAN 5GHz: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), EDGE TOP

## Exposure Conditions

|                                  |                  |                        |            |
|----------------------------------|------------------|------------------------|------------|
| Band                             | WLAN 5GHz        | TSL Permittivity       | 36.0       |
| Frequency [MHz]   Channel Number | 5500.000   100   | TSL Conductivity [S/m] | 4.77       |
| Group   UID                      | WLAN   10417-AAD | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 4.98             | Test Distance [mm]     | 4.00       |

## Hardware Setup

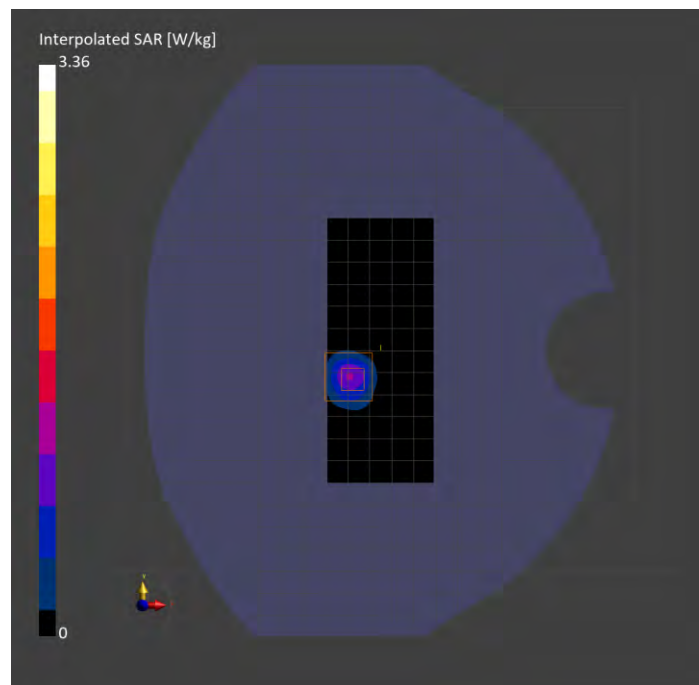
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7356   2023-03-17 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1674   2023-05-11     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                     |
|--|--------------|-------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 22.0 x 22.0 x 22.0            |
| Grid Steps [mm]                          | 8.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0          | 1.4                           |
| Graded Grid                              | N/A          | Yes                           |
| M2/M1 [%]                                |              | 64.6                          |
| Dist 3dB Peak [mm]                       |              | 7.4                           |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 3.36   [-38.0, -12.3, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.770     | <b>0.867</b> |
| psSAR10g [W/Kg]  | 0.242     | <b>0.243</b> |
| Power Drift [dB] | N/A       | -0.11        |



# U-NII-3 Standalone: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), TILT

## Exposure Conditions

|                                  |                    |                        |                |
|----------------------------------|--------------------|------------------------|----------------|
| Band                             | U-NII-3 Standalone | TSL Permittivity       | 34.0           |
| Frequency [MHz]   Channel Number | 5775.000   155     | TSL Conductivity [S/m] | 5.24           |
| Group   UID                      | WLAN   10544-AAD   | Phantom Section   TSL  | LeftHead   HSL |
| Conversion Factor                | 4.89               | Test Distance [mm]     | 0.00           |

## Hardware Setup

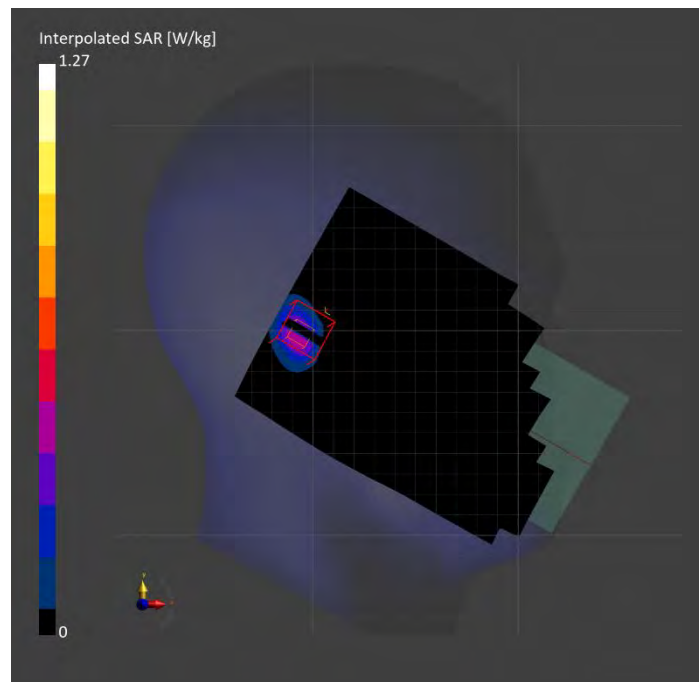
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7335   2023-01-26 | Phantom  | Twin-SAM V5.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1472   2023-01-23     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 24.0 x 24.0 x 22.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 62.6                         |
| Dist 3dB Peak [mm]                       |               | 9.0                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 1.27   [-7.3, 297.1, -169.5] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.353     | <b>0.349</b> |
| psSAR10g [W/Kg]  | 0.122     | <b>0.112</b> |
| Power Drift [dB] | N/A       | -0.00        |



# U-NII-3 Standalone: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), BACK

## Exposure Conditions

|                                  |                    |                        |            |
|----------------------------------|--------------------|------------------------|------------|
| Band                             | U-NII-3 Standalone | TSL Permittivity       | 34.5       |
| Frequency [MHz]   Channel Number | 5785.000   157     | TSL Conductivity [S/m] | 5.18       |
| Group   UID                      | WLAN   10417-AAD   | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 4.7                | Test Distance [mm]     | 15.00      |

## Hardware Setup

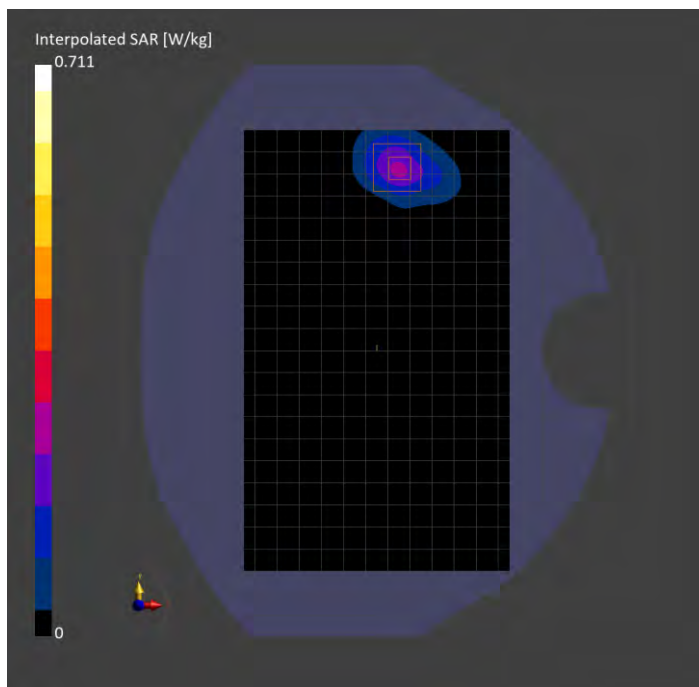
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                     |
|--|---------------|-------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 22.0 x 22.0 x 22.0            |
| Grid Steps [mm]                          | 10.0 x 10.0   | 4.0 x 4.0 x 1.4               |
| Sensor Surface [mm]                      | 3.0           | 1.4                           |
| Graded Grid                              | N/A           | Yes                           |
| M2/M1 [%]                                |               | 64.2                          |
| Dist 3dB Peak [mm]                       |               | 11.3                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.711   [-14.7, 81.9, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.186     | <b>0.201</b> |
| psSAR10g [W/Kg]  | 0.071     | <b>0.072</b> |
| Power Drift [dB] | N/A       | 0.03         |



# U-NII-3 Standalone: IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle), EDGE TOP

## Exposure Conditions

|                                  |                    |                        |            |
|----------------------------------|--------------------|------------------------|------------|
| Band                             | U-NII-3 Standalone | TSL Permittivity       | 34.5       |
| Frequency [MHz]   Channel Number | 5785.000   157     | TSL Conductivity [S/m] | 5.18       |
| Group   UID                      | WLAN   10417-AAD   | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 4.7                | Test Distance [mm]     | 10.00      |

## Hardware Setup

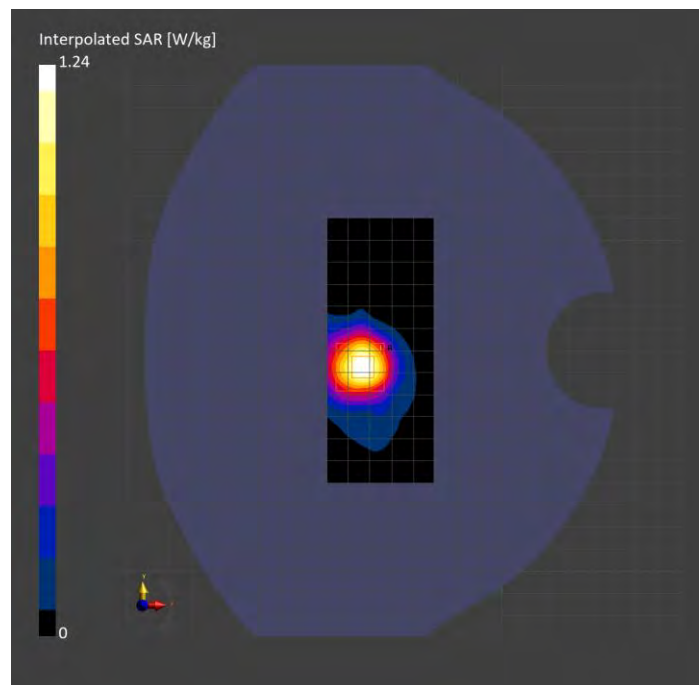
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan    | Zoom Scan                    |
|--|--------------|------------------------------|
| Grid Extents [mm]                        | 48.0 x 120.0 | 22.0 x 22.0 x 22.0           |
| Grid Steps [mm]                          | 8.0 x 10.0   | 4.0 x 4.0 x 1.4              |
| Sensor Surface [mm]                      | 3.0          | 1.4                          |
| Graded Grid                              | N/A          | Yes                          |
| M2/M1 [%]                                |              | 65.7                         |
| Dist 3dB Peak [mm]                       |              | 11.4                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A          | 1.24   [-33.4, -7.8, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.333     | <b>0.357</b> |
| psSAR10g [W/Kg]  | 0.124     | <b>0.132</b> |
| Power Drift [dB] | N/A       | 0.08         |



# ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), TILT

## Exposure Conditions

|                                  |                       |                        |                 |
|----------------------------------|-----------------------|------------------------|-----------------|
| Band                             | ISM 2.4 GHz Band      | TSL Permittivity       | 40.4            |
| Frequency [MHz]   Channel Number | 2441.000   39         | TSL Conductivity [S/m] | 1.77            |
| Group   UID                      | Bluetooth   10032-CAA | Phantom Section   TSL  | RightHead   HSL |
| Conversion Factor                | 6.87                  | Test Distance [mm]     | 0.00            |

## Hardware Setup

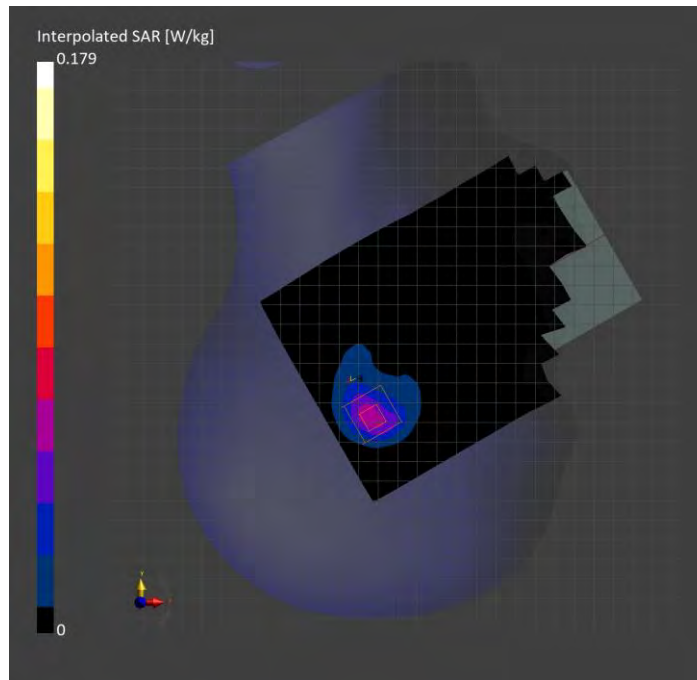
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                      |
|--|---------------|--------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0             |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5                |
| Sensor Surface [mm]                      | 3.0           | 1.4                            |
| Graded Grid                              | N/A           | Yes                            |
| M2/M1 [%]                                |               | 81.8                           |
| Dist 3dB Peak [mm]                       |               | 9.0                            |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.179   [16.9, -328.0, -174.3] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.055     | <b>0.051</b> |
| psSAR10g [W/Kg]  | 0.026     | <b>0.023</b> |
| Power Drift [dB] | N/A       | 0.10         |





# ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

## Exposure Conditions

|                                  |                       |                        |            |
|----------------------------------|-----------------------|------------------------|------------|
| Band                             | ISM 2.4 GHz Band      | TSL Permittivity       | 40.4       |
| Frequency [MHz]   Channel Number | 2441.000   39         | TSL Conductivity [S/m] | 1.77       |
| Group   UID                      | Bluetooth   10032-CAA | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.87                  | Test Distance [mm]     | 15.00      |

## Hardware Setup

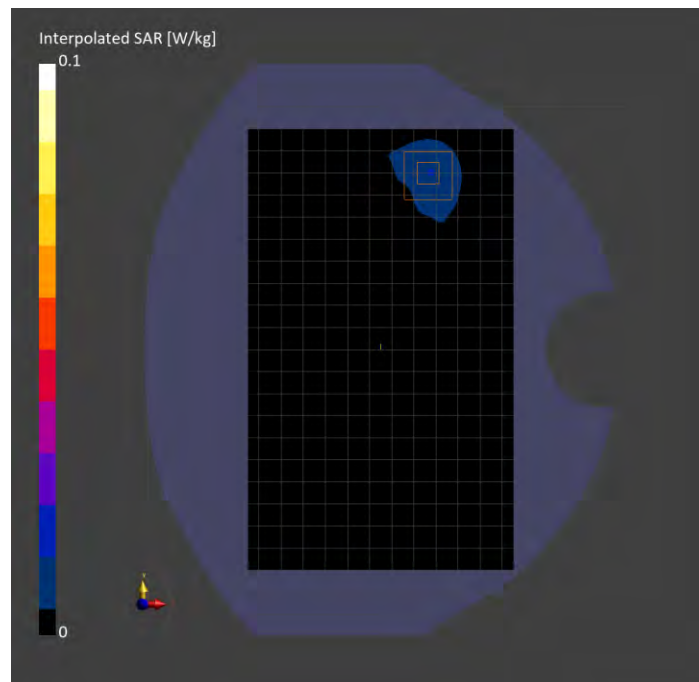
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 79.5                         |
| Dist 3dB Peak [mm]                       |               | 11.4                         |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.030   [-6.0, 81.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.013     | <b>0.014</b> |
| psSAR10g [W/Kg]  | 0.007     | <b>0.006</b> |
| Power Drift [dB] | N/A       | -0.07        |



# ISM 2.4 GHz Band: IEEE 802.15.1 Bluetooth (GFSK, DH5), BACK

## Exposure Conditions

|                                  |                       |                        |            |
|----------------------------------|-----------------------|------------------------|------------|
| Band                             | ISM 2.4 GHz Band      | TSL Permittivity       | 40.4       |
| Frequency [MHz]   Channel Number | 2441.000   39         | TSL Conductivity [S/m] | 1.77       |
| Group   UID                      | Bluetooth   10032-CAA | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 6.87                  | Test Distance [mm]     | 10.00      |

## Hardware Setup

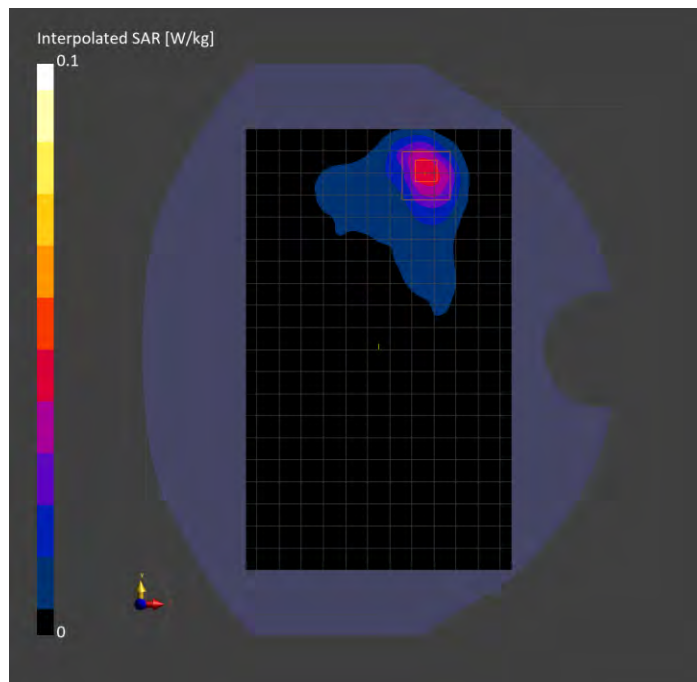
|                          |                              |          |                                  |
|--------------------------|------------------------------|----------|----------------------------------|
| Probe   Calibration Date | EX3DV4 - SN7463   2023-04-19 | Phantom  | Twin-SAM V8.0 (30deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1357   2023-01-27     | TSL Type | HBBL-600-10000                   |
| Software Version         | 16.2.4.2524                  |          |                                  |

## Scan Setup

|  | Area Scan     | Zoom Scan                    |
|--|---------------|------------------------------|
| Grid Extents [mm]                        | 120.0 x 200.0 | 30.0 x 30.0 x 30.0           |
| Grid Steps [mm]                          | 10.0 x 10.0   | 5.0 x 5.0 x 1.5              |
| Sensor Surface [mm]                      | 3.0           | 1.4                          |
| Graded Grid                              | N/A           | Yes                          |
| M2/M1 [%]                                |               | 83.7                         |
| Dist 3dB Peak [mm]                       |               | 9.5                          |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.080   [-4.0, 83.0, -207.0] |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.038     | <b>0.039</b> |
| psSAR10g [W/Kg]  | 0.018     | <b>0.017</b> |
| Power Drift [dB] | N/A       | 0.08         |



# NFC: CW, BACK

## Exposure Conditions

|                                  |          |                        |            |
|----------------------------------|----------|------------------------|------------|
| Band                             | NFC      | TSL Permittivity       | 52.6       |
| Frequency [MHz]   Channel Number | 13.6   0 | TSL Conductivity [S/m] | 0.808      |
| Group   UID                      | CW   0-- | Phantom Section   TSL  | Flat   HSL |
| Conversion Factor                | 19.03    | Test Distance [mm]     | 0.00       |

## Hardware Setup

|                          |                              |          |                             |
|--------------------------|------------------------------|----------|-----------------------------|
| Probe   Calibration Date | EX3DV4 - SN3989   2023-01-26 | Phantom  | ELI V8.0 (20deg probe tilt) |
| DAE   Calibration Date   | DAE4 Sn1547   2023-04-18     | TSL Type | HBBL4-250V3                 |
| Software Version         | 16.2.2.1588                  |          |                             |

## Scan Setup

|  | Area Scan     | Zoom Scan          |
|--|---------------|--------------------|
| Grid Extents [mm]                        | 120.0 x 210.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm]                          | 15.0 x 15.0   | 6.0 x 6.0 x 1.5    |
| Sensor Surface [mm]                      | 3.0           | 1.4                |
| Graded Grid                              | n/a           | Yes                |
| M2/M1 [%]                                |               | 44.0               |
| Dist 3dB Peak [mm]                       |               | 3.7                |
| Peak SAR [W/kg]   SAR Peak Location [mm] | N/A           | 0.564              |

## Measurement Results

|                  | Area Scan | Zoom Scan    |
|------------------|-----------|--------------|
| psSAR1g [W/Kg]   | 0.099     | <b>0.098</b> |
| psSAR10g [W/Kg]  | 0.063     | <b>0.034</b> |
| Power Drift [dB] | n/a       | -0.13        |

