# **Annex B: Measurement Results**

**Tested Model: LJ9** 

Report Number: WSCT-ANAB-R&E250300017A-SAR

## Measurement Report for Device, CHEEK, GSM 850, Channel 190 (836.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | CHEEK,                       | GSM 850 |               | 836.600,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating<br>Liquid | 0.00                         |         |               | 190                                |                   |                        |                  |

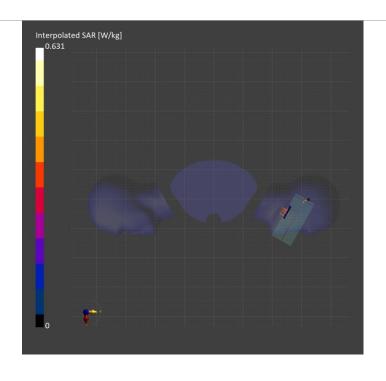
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 0.254         | 0.320         |
| psSAR10g [W/kg]     | 0.161         | 0.173         |
| Power Drift [dB]    | -0.06         | -0.03         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 81.0          |
| Dist 3dB Peak [mm]  |               | 7.3           |



## Measurement Report for Device, BACK, GSM 850, Channel 190 (836.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | GSM 850 |               | 836.600,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 190                                |                   |                        |                  |

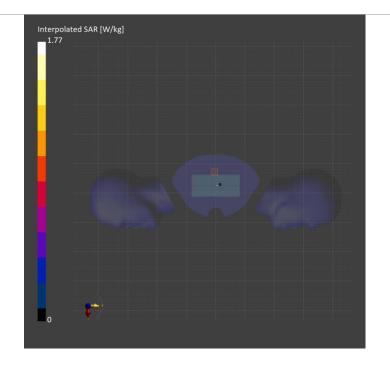
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 1.05          | 1.05          |
| psSAR10g [W/kg]     | 0.671         | 0.650         |
| Power Drift [dB]    | -0.03         | -0.02         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 84.8          |
| Dist 3dB Peak [mm]  |               | 10.8          |



## Measurement Report for Device, TILT, PCS 1900, Channel 512 (1850.200MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band     | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|----------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | TILT,                        | PCS 1900 |               | 1850.200,                          | 7.33              | 1.42                   | 41.7             |
| Head Simulating<br>Liquid | 0.00                         |          |               | 512                                |                   |                        |                  |

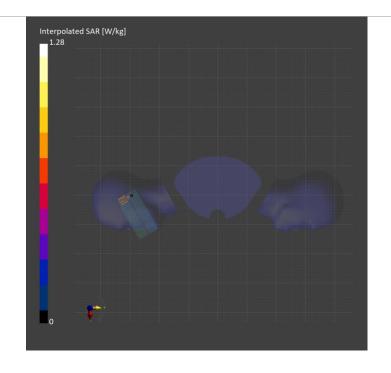
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.497         | 0.513         |
| psSAR10g [W/kg]     | 0.239         | 0.220         |
| Power Drift [dB]    | -0.05         | 0.03          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 74.0          |
| Dist 3dB Peak [mm]  |               | 6.7           |



## Measurement Report for Device, BACK, PCS 1900, Channel 512 (1850.200MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |  |
|---------------------|-----------------|------|----------|--|
| Device,             |                 |      | Phone    |  |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band     | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|----------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | PCS 1900 |               | 1850.200,                          | 7.33              | 1.42                   | 41.7             |
| Head Simulating<br>Liquid | 10.00                        |          |               | 512                                |                   |                        |                  |

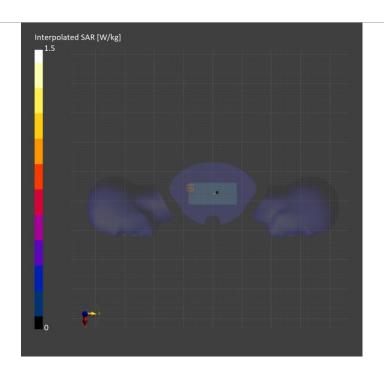
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### 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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.736         | 0.818         |
| psSAR10g [W/kg]     | 0.432         | 0.459         |
| Power Drift [dB]    | 0.01          | -0.00         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 82.2          |
| Dist 3dB Peak [mm]  |               | 10.9          |



## Measurement Report for Device, TILT, Band 2, Channel 9538 (1907.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,              | TILT,                        | Band 2 |               | 1907.600,                          | 7.33              | 1.42                   | 41.7             |
| <b>Head Simulating</b>  | 0.00                         |        |               | 9538                               |                   |                        |                  |
| Liquid                  |                              |        |               |                                    |                   |                        |                  |

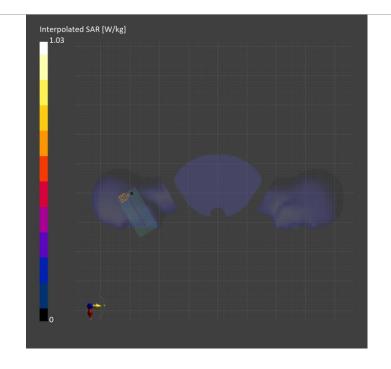
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.385         | 0.394         |
| psSAR10g [W/kg]     | 0.184         | 0.166         |
| Power Drift [dB]    | -0.06         | -0.01         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 71.8          |
| Dist 3dB Peak [mm]  |               | 6.3           |



## Measurement Report for Device, BACK, Band 2, Channel 9538 (1907.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                   | BACK,                        | Band 2 |               | 1907.600,                          | 7.33              | 1.42                   | 41.7             |
| <b>Head Simulating</b>  | 10.00                        |        |               | 9538                               |                   |                        |                  |
| Liquid                  |                              |        |               |                                    |                   |                        |                  |

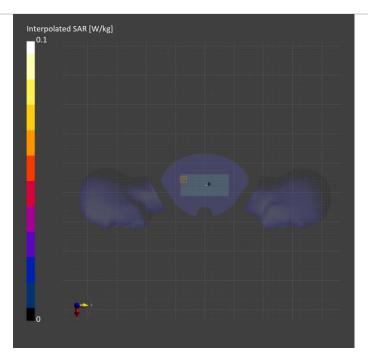
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.054         | 0.054         |
| psSAR10g [W/kg]     | 0.031         | 0.029         |
| Power Drift [dB]    | -0.00         | -0.14         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.8          |
| Dist 3dB Peak [mm]  |               | 10.8          |



## Measurement Report for Device, TILT, Band 4, Channel 1413 (1732.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | TILT,                        | Band 4 |               | 1732.600,                          | 7.6               | 1.33                   | 42.0             |
| Head Simulating<br>Liquid | 0.00                         |        |               | 1413                               |                   |                        |                  |

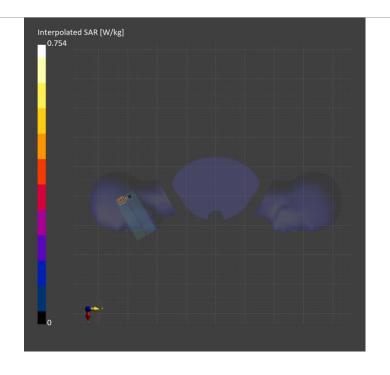
#### **Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |
| 1900                               |                             |                             |                           |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.302         | 0.294         |
| psSAR10g [W/kg]     | 0.147         | 0.124         |
| Power Drift [dB]    | -0.08         | -0.19         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 78.6          |
| Dist 3dB Peak [mm]  |               | 6.2           |



## Measurement Report for Device, BACK, Band 4, Channel 1413 (1732.600MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                   | BACK,                        | Band 4 |               | 1732.600,                          | 7.6               | 1.33                   | 42.0             |
| Head Simulating         | 10.00                        |        |               | 1413                               |                   |                        |                  |

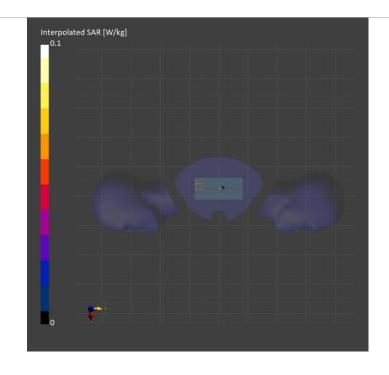
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.048         | 0.047         |
| psSAR10g [W/kg]     | 0.029         | 0.027         |
| Power Drift [dB]    | 0.05          | 0.09          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.8          |
| Dist 3dB Peak [mm]  |               | 10.3          |



## Measurement Report for Device, CHEEK, Band 5, Channel 4132 (826.400MHz)

## **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | CHEEK,                       | Band 5 |               | 826.400,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating<br>Liquid | 0.00                         |        |               | 4132                               |                   |                        |                  |

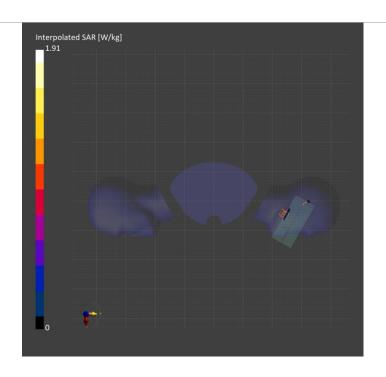
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 0.869         | 1.01          |
| psSAR10g [W/kg]     | 0.531         | 0.549         |
| Power Drift [dB]    | -0.01         | 0.02          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 86.3          |
| Dist 3dB Peak [mm]  |               | 6.1           |



## Measurement Report for Device, FRONT, Band 5, Channel 4132 (826.400MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | FRONT,                       | Band 5 |               | 826.400,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating<br>Liquid | 10.00                        |        |               | 4132                               |                   |                        |                  |

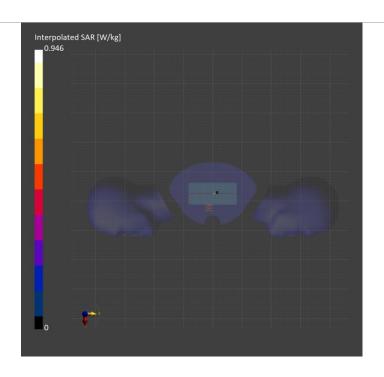
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 0.557         | 0.563         |
| psSAR10g [W/kg]     | 0.351         | 0.342         |
| Power Drift [dB]    | 0.02          | -0.07         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.4          |
| Dist 3dB Peak [mm]  |               | 10.9          |



## Measurement Report for Device, TILT, Band 2, Channel 19125 (1902.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | TILT,                        | Band 2 |               | 1902.500,                          | 7.33              | 1.42                   | 41.7             |
| Head Simulating<br>Liquid | 0.00                         |        |               | 19125                              |                   |                        |                  |

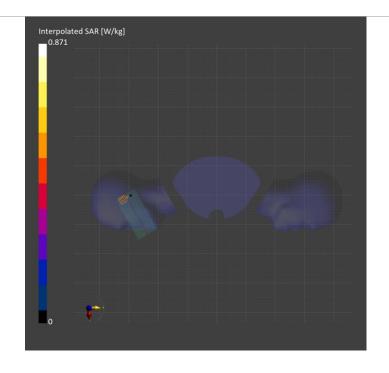
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.346         | 0.340         |
| psSAR10g [W/kg]     | 0.163         | 0.145         |
| Power Drift [dB]    | -0.03         | -0.01         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.3          |
| Dist 3dB Peak [mm]  |               | 6.7           |



## Measurement Report for Device, BACK, Band 2, Channel 19125 (1902.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 2 |               | 1902.500,                          | 7.33              | 1.42                   | 41.7             |
| Head Simulating<br>Liquid | 10.00                        |        |               | 19125                              |                   |                        |                  |

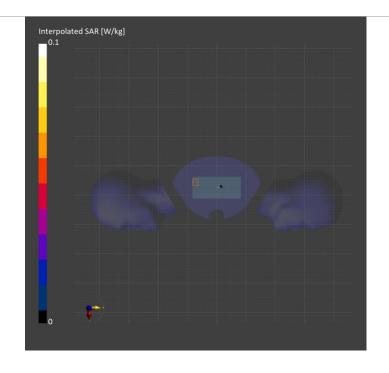
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-01    | 2025-04-01    |
| psSAR1g [W/kg]      | 0.044         | 0.043         |
| psSAR10g [W/kg]     | 0.025         | 0.023         |
| Power Drift [dB]    | -0.19         | -0.07         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 84.1          |
| Dist 3dB Peak [mm]  |               | 11.1          |



## Measurement Report for Device, TILT, Band 4, Channel 19975 (1712.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |  |
|---------------------|-----------------|------|----------|--|
| Device.             |                 |      | Phone    |  |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,              | TILT,                        | Band 4 |               | 1712.500,                          | 7.6               | 1.33                   | 42.0             |
| Head Simulating         | 0.00                         |        |               | 19975                              |                   |                        |                  |
| Liquid                  |                              |        |               |                                    |                   |                        |                  |

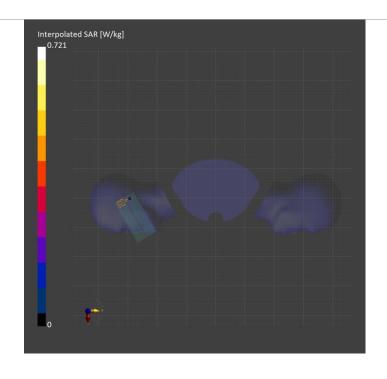
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **Scan Setup**

| Area Scan     | Zoom Scan  |
|---------------|--|
| 120.0 x 210.0 | 30.0 x 30.0 x 30.0   |
| 15.0 x 15.0   | 6.0 x 6.0 x 1.5  |
| 3.0           | 1.4  |
| N/A           | Yes  |
| N/A           | 1.4  |
| N/A           | N/A  |
| VMS + 6p      | VMS + 6p   |
| Measured      | Measured   |
|               | 120.0 x 210.0<br>15.0 x 15.0<br>3.0<br>N/A<br>N/A<br>N/A<br>VMS + 6p |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.274         | 0.274         |
| psSAR10g [W/kg]     | 0.137         | 0.115         |
| Power Drift [dB]    | -0.07         | -0.04         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 79.0          |
| Dist 3dB Peak [mm]  |               | 6.6           |



## Measurement Report for Device, BACK, Band 4, Channel 19975 (1712.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 4 |               | 1712.500,                          | 7.6               | 1.33                   | 42.0             |
| Head Simulating<br>Liquid | 10.00                        |        |               | 19975                              |                   |                        |                  |

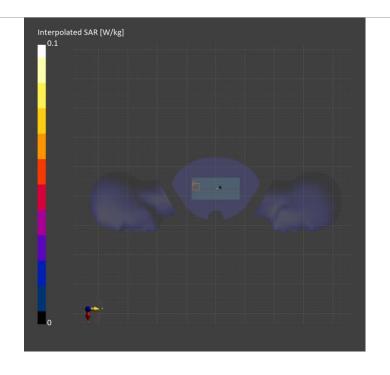
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.041         | 0.041         |
| psSAR10g [W/kg]     | 0.025         | 0.024         |
| Power Drift [dB]    | 0.09          | 0.07          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 84.4          |
| Dist 3dB Peak [mm]  |               | 11.4          |



## Measurement Report for Device, CHEEK, Band 5, Channel 20525 (836.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,               | CHEEK,                       | Band 5 |               | 826.500,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating         | 0.00                         |        |               | 20425                              |                   |                        |                  |

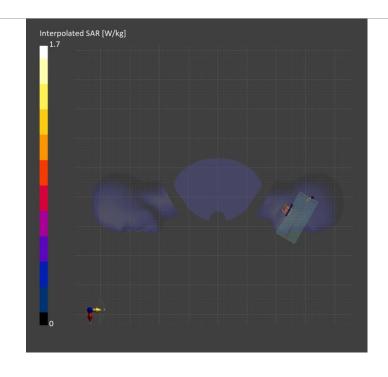
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 0.860         | 0.869         |
| psSAR10g [W/kg]     | 0.518         | 0.470         |
| Power Drift [dB]    | 0.04          | 0.00          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 80.1          |
| Dist 3dB Peak [mm]  |               | 6.3           |



## Measurement Report for Device, BACK, Band 5, Channel 20525 (836.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 5 |               | 826.500,                           | 8.89              | 0.914                  | 43.6             |
| Head Simulating<br>Liquid | 10.00                        |        |               | 20425                              |                   |                        |                  |

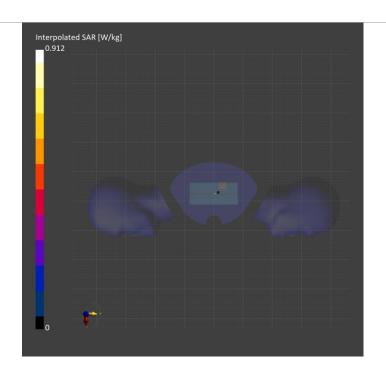
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-25    | 2025-03-25    |
| psSAR1g [W/kg]      | 0.496         | 0.539         |
| psSAR10g [W/kg]     | 0.325         | 0.332         |
| Power Drift [dB]    | -0.00         | -0.00         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.8          |
| Dist 3dB Peak [mm]  |               | 12.0          |



## Measurement Report for Device, TILT, Band 7, Channel 21425 (2567.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,              | TILT,                        | Band 7 |               | 2567.500,                          | 6.94              | 1.89                   | 40.8             |
| <b>Head Simulating</b>  | 0.00                         |        |               | 21425                              |                   |                        |                  |
| Liquid                  |                              |        |               |                                    |                   |                        |                  |

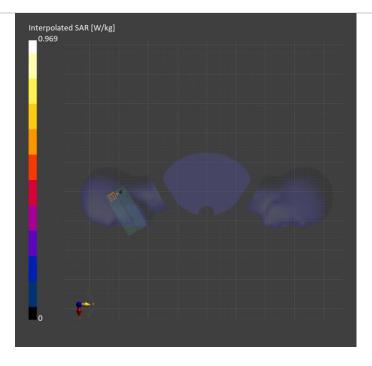
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.314         | 0.349         |
| psSAR10g [W/kg]     | 0.133         | 0.129         |
| Power Drift [dB]    | -0.10         | 0.04          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 71.6          |
| Dist 3dB Peak [mm]  |               | 5.9           |



## Measurement Report for Device, BACK, Band 7, Channel 21425 (2567.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 7 |               | 2567.500,                          | 6.94              | 1.89                   | 40.8             |
| Head Simulating<br>Liquid | 10.00                        |        |               | 21425                              |                   |                        |                  |

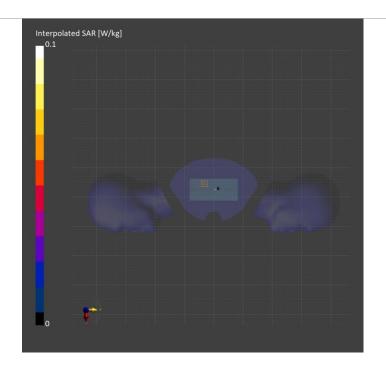
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.044         | 0.047         |
| psSAR10g [W/kg]     | 0.023         | 0.022         |
| Power Drift [dB]    | 0.07          | -0.18         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 76.0          |
| Dist 3dB Peak [mm]  |               | 10.1          |



## Measurement Report for Device, CHEEK, Band 12, Channel 23035 (701.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | CHEEK,                       | Band 12 | LTE-FDD,      | 701.500,                           | 9.16              | 0.871                  | 44.0             |
| Head Simulating<br>Liquid | 0.00                         |         | 10175-CAH     | 23035                              |                   |                        |                  |

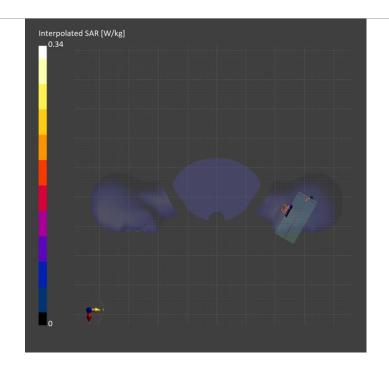
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.180         | 0.177         |
| psSAR10g [W/kg]     | 0.109         | 0.096         |
| Power Drift [dB]    | -0.00         | -0.01         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.9          |
| Dist 3dB Peak [mm]  |               | 8.0           |



## Measurement Report for Device, BACK, Band 12, Channel 23035 (701.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 12 |               | 701.500,                           | 9.16              | 0.871                  | 44.0             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 23035                              |                   |                        |                  |

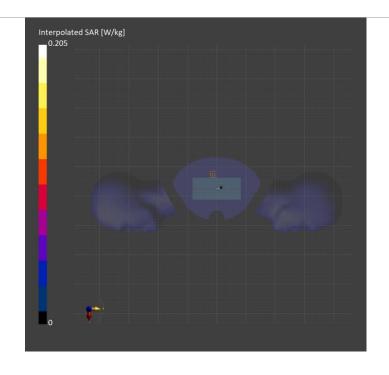
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.119         | 0.124         |
| psSAR10g [W/kg]     | 0.076         | 0.077         |
| Power Drift [dB]    | -0.01         | 0.00          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 85.3          |
| Dist 3dB Peak [mm]  |               | 12.1          |



## Measurement Report for Device, CHEEK, Band 17, Channel 23755 (706.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | CHEEK,                       | Band 17 |               | 706.500,                           | 9.16              | 0.872                  | 44.0             |
| Head Simulating<br>Liquid | 0.00                         |         |               | 23755                              |                   |                        |                  |

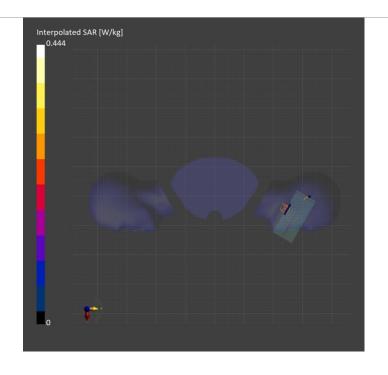
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.204         | 0.219         |
| psSAR10g [W/kg]     | 0.123         | 0.117         |
| Power Drift [dB]    | 0.01          | 0.07          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.9          |
| Dist 3dB Peak [mm]  |               | 5.9           |



## Measurement Report for Device, BACK, Band 17, Channel 23755 (706.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 17 |               | 706.00,                            | 9.16              | 0.872                  | 44.0             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 23755                              |                   |                        |                  |

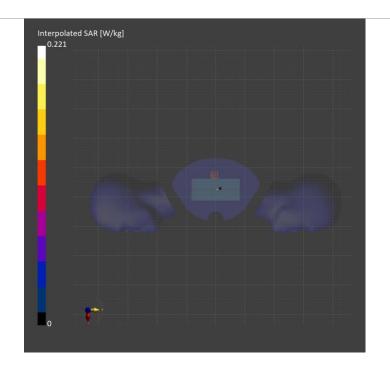
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.131         | 0.136         |
| psSAR10g [W/kg]     | 0.085         | 0.085         |
| Power Drift [dB]    | -0.03         | -0.05         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 85.1          |
| Dist 3dB Peak [mm]  |               | 12.0          |



## Measurement Report for Device, TILT, Band 38, Channel 37775 (2572.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | TILT,                        | Band 38 |               | 2595.000,                          | 6.94              | 1.94                   | 40.8             |
| Head Simulating<br>Liquid | 0.00                         |         |               | 38000                              |                   |                        |                  |

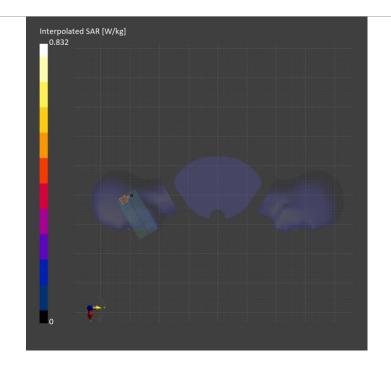
#### **Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |
| 1900                               |                             |                             |                           |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.266         | 0.291         |
| psSAR10g [W/kg]     | 0.110         | 0.105         |
| Power Drift [dB]    | -0.08         | -0.03         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 71.4          |
| Dist 3dB Peak [mm]  |               | 5.9           |



## Measurement Report for Device, BACK, Band 38, Channel 37775 (2572.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 38 |               | 2572.500,                          | 6.94              | 1.94                   | 40.8             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 37775                              |                   |                        |                  |

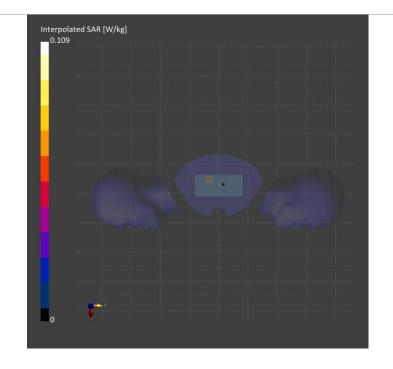
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.047         | 0.049         |
| psSAR10g [W/kg]     | 0.023         | 0.022         |
| Power Drift [dB]    | -0.01         | -0.03         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.2          |
| Dist 3dB Peak [mm]  |               | 9.1           |



## Measurement Report for Device, TILT, Band 41, Channel 40620 (2593.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |  |
|---------------------|-----------------|------|----------|--|
| Device.             |                 |      | Phone    |  |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | TILT,                        | Band 41 |               | 2593.000,                          | 6.94              | 1.94                   | 40.8             |
| Head Simulating<br>Liquid | 0.00                         |         |               | 40620                              |                   |                        |                  |

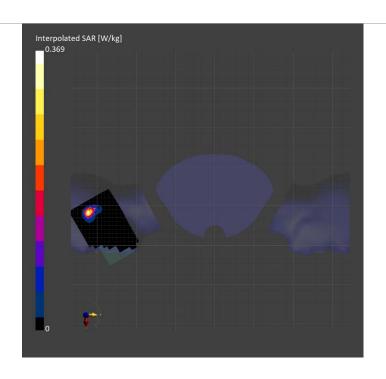
#### **Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |
| 1899                               |                             |                             |                           |

## Scan Setup

| Area Scan     | Zoom Scan  |
|---------------|--|
| 120.0 x 200.0 | 30.0 x 30.0 x 30.0   |
| 10.0 x 10.0   | 5.0 x 5.0 x 1.5  |
| 3.0           | 1.4  |
| N/A           | Yes  |
| N/A           | 1.5  |
| Υ             | N/A  |
| VMS + 6p      | VMS + 6p   |
| Measured      | Measured   |
|               | 120.0 x 200.0<br>10.0 x 10.0<br>3.0<br>N/A<br>N/A<br>Y<br>VMS + 6p |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.260         | 0.277         |
| psSAR10g [W/kg]     | 0.107         | 0.101         |
| Power Drift [dB]    | 0.03          | 0.08          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 71.7          |
| Dist 3dB Peak [mm]  |               | 5.9           |



## Measurement Report for Device, BACK, Band 41, Channel 40620 (2593.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                   | BACK,                        | Band 41 |               | 2593.000,                          | 6.94              | 1.94                   | 40.8             |
| Head Simulating         | 10.00                        |         |               | 40620                              |                   |                        |                  |

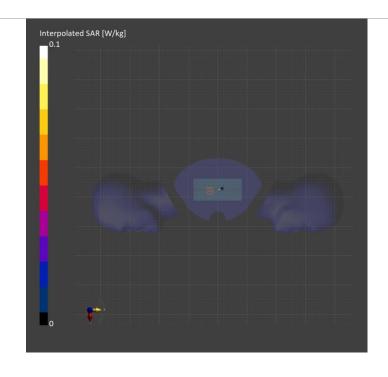
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **Scan Setup**

| Area Scan     | Zoom Scan  |
|---------------|--|
| 120.0 x 200.0 | 30.0 x 30.0 x 30.0   |
| 10.0 x 10.0   | 5.0 x 5.0 x 1.5  |
| 3.0           | 1.4  |
| N/A           | Yes  |
| N/A           | 1.5  |
| Υ             | Υ  |
| VMS + 6p      | VMS + 6p   |
| Measured      | Measured   |
|               | 120.0 x 200.0<br>10.0 x 10.0<br>3.0<br>N/A<br>N/A<br>Y<br>VMS + 6p |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.035         | 0.033         |
| psSAR10g [W/kg]     | 0.018         | 0.014         |
| Power Drift [dB]    | -0.06         | -0.05         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 80.5          |
| Dist 3dB Peak [mm]  |               | 8.6           |



## Measurement Report for Device, TILT, Band 42, Channel 43015 (3542.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,              | TILT,                        | Band 42 |               | 3542.500,                          | 6.22              | 2.72                   | 39.2             |
| <b>Head Simulating</b>  | 0.00                         |         |               | 43015                              |                   |                        |                  |
| Liquid                  |                              |         |               |                                    |                   |                        |                  |

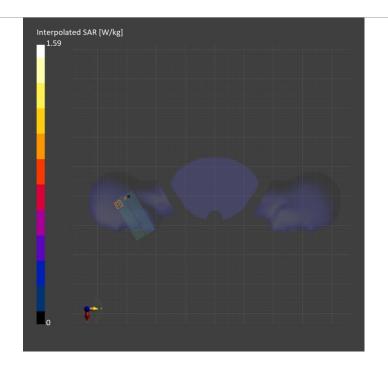
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **Scan Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 200.0 | 28.0 x 28.0 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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.450         | 0.486         |
| psSAR10g [W/kg]     | 0.175         | 0.171         |
| Power Drift [dB]    | 0.04          | 0.10          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 67.4          |
| Dist 3dB Peak [mm]  |               | 5.7           |



## Measurement Report for Device, BACK, Band 42, Channel 43015 (3542.500MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 42 |               | 3542.500,                          | 6.22              | 2.72                   | 39.2             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 43015                              |                   |                        |                  |

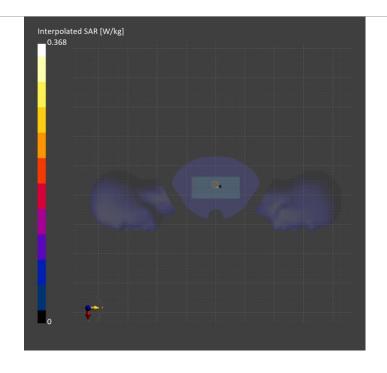
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **Scan Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 200.0 | 28.0 x 28.0 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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.144         | 0.148         |
| psSAR10g [W/kg]     | 0.063         | 0.062         |
| Power Drift [dB]    | -0.03         | -0.16         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 76.8          |
| Dist 3dB Peak [mm]  |               | 9.0           |



## Measurement Report for Device, TILT, Band 66, Channel 132322 (1745.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,              | TILT,                        | Band 66 |               | 1745.000,                          | 7.6               | 1.34                   | 41.9             |
| <b>Head Simulating</b>  | 0.00                         |         |               | 132322                             |                   |                        |                  |
| Liquid                  |                              |         |               |                                    |                   |                        |                  |

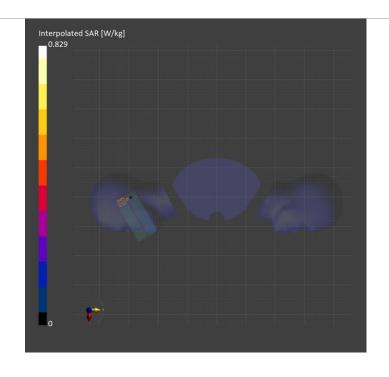
#### **Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|------------------------------------|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |
| 1900                               |                             |                             |                           |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.326         | 0.317         |
| psSAR10g [W/kg]     | 0.162         | 0.135         |
| Power Drift [dB]    | -0.09         | 0.01          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 78.4          |
| Dist 3dB Peak [mm]  |               | 6.5           |



## Measurement Report for Device, BACK, Band 66, Channel 132322 (1745.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band    | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | Band 66 |               | 1745.000,                          | 7.6               | 1.34                   | 41.9             |
| Head Simulating<br>Liquid | 10.00                        |         |               | 132322                             |                   |                        |                  |

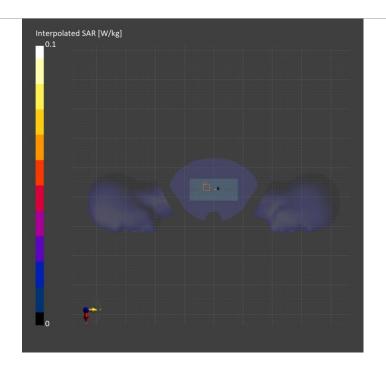
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.051         | 0.052         |
| psSAR10g [W/kg]     | 0.030         | 0.030         |
| Power Drift [dB]    | -0.23         | 0.02          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.3          |
| Dist 3dB Peak [mm]  |               | 10.8          |



## Measurement Report for Device, CHEEK, WLAN 2.4GHz, Channel 1 (2412.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| RightHead,                | CHEEK,                       | WLAN   |               | 2412.000,                          | 6.88              | 1.82                   | 41.0             |
| Head Simulating<br>Liquid | 0.00                         | 2.4GHz |               | 1                                  |                   |                        |                  |

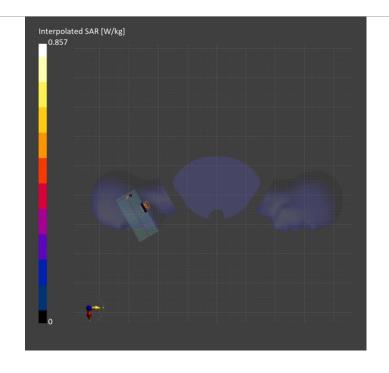
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-05    | 2025-04-05    |
| psSAR1g [W/kg]      | 0.371         | 0.392         |
| psSAR10g [W/kg]     | 0.153         | 0.156         |
| Power Drift [dB]    | -0.05         | -0.02         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 84.1          |
| Dist 3dB Peak [mm]  |               | 6.2           |



## Measurement Report for Device, BACK, WLAN 2.4GHz, Channel 1 (2412.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band   | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|--------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | WLAN   |               | 2412.000,                          | 6.88              | 1.82                   | 41.0             |
| Head Simulating<br>Liquid | 10.00                        | 2.4GHz |               | 1                                  |                   |                        |                  |

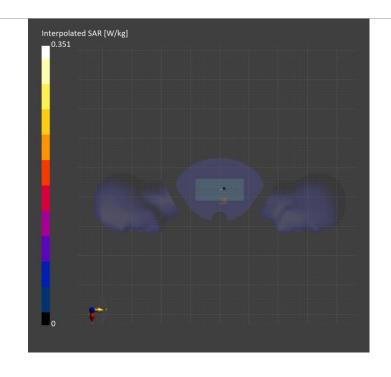
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 2243 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.5                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-05    | 2025-04-05    |
| psSAR1g [W/kg]      | 0.165         | 0.178         |
| psSAR10g [W/kg]     | 0.079         | 0.086         |
| Power Drift [dB]    | 0.06          | 0.14          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 84.1          |
| Dist 3dB Peak [mm]  |               | 9.0           |



## Measurement Report for Device, TILT, WLAN 5GHz, Channel 42 (5210.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | TILT,                        | WLAN |               | 5210.000,                          | 5.34              | 4.51                   | 36.4             |
| Head Simulating<br>Liquid | 0.00                         | 5GHz |               | 42                                 |                   |                        |                  |

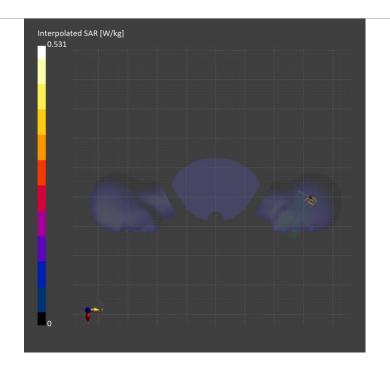
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-06    | 2025-05-06    |
| psSAR1g [W/kg]      | 0.030         | 0.027         |
| psSAR10g [W/kg]     | 0.006         | 0.002         |
| Power Drift [dB]    | 1.53          | -0.44         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 65.7          |
| Dist 3dB Peak [mm]  |               | 2.6           |



## Measurement Report for Device, BACK, WLAN 5GHz, Channel 42 (5210.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | WLAN |               | 5210.000,                          | 5.34              | 4.51                   | 36.4             |
| Head Simulating<br>Liquid | 10.00                        | 5GHz |               | 42                                 |                   |                        |                  |

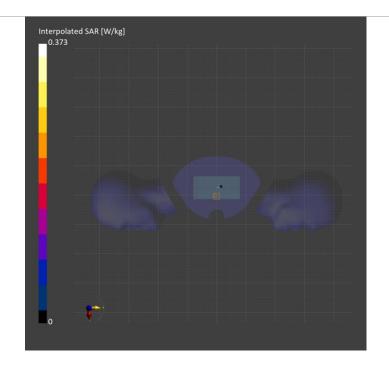
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **Scan Setup**

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 120.0 x 200.0 | 23.4 x 23.4 x 25.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 1.8 x 1.8 x 1.2    |
| Sensor Surface [mm] | 3.0           | 1.4                |
| Graded Grid         | N/A           | Yes                |
| Grading Ratio       | N/A           | 1.2                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-06    | 2025-05-06    |
| psSAR1g [W/kg]      | 0.027         | 0.041         |
| psSAR10g [W/kg]     | 0.007         | 0.008         |
| Power Drift [dB]    | -1.79         | 3.18          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 44.1          |
| Dist 3dB Peak [mm]  |               | 1.5           |



## Measurement Report for Device, TILT, WLAN 5GHz, Channel 58 (5290.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm]    | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device,             | 158.2 x 77.9 x 8.0 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|------|---------------|------------------------------------|-------------------|------------------------|------------------|
| LeftHead,                 | TILT,                        | WLAN |               | 5290.000,                          | 5.28              | 4.68                   | 36.1             |
| Head Simulating<br>Liquid | 0.00                         | 5GHz |               | 58                                 |                   |                        |                  |

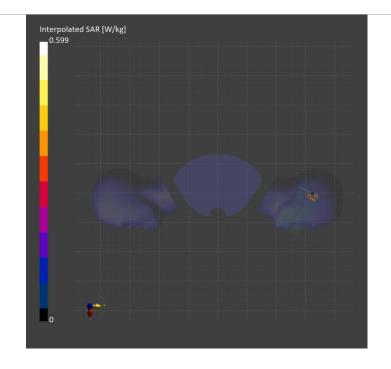
#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.4                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-06    | 2025-05-06    |
| psSAR1g [W/kg]      | 0.047         | 0.041         |
| psSAR10g [W/kg]     | 0.011         | 0.006         |
| Power Drift [dB]    | 1.40          | -0.34         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 70.4          |
| Dist 3dB Peak [mm]  |               | 2.9           |



## Measurement Report for Device, BACK, WLAN 5GHz, UID 10062 CAE, Channel 58 (5290.000MHz)

#### **Device under Test Properties**

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             |                 |      | Phone    |

#### **Exposure Conditions**

| Phantom Section,<br>TSL   | Position, Test Distance [mm] | Band | Group,<br>UID | Frequency [MHz],<br>Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|------|---------------|------------------------------------|-------------------|------------------------|------------------|
| Flat,                     | BACK,                        | WLAN |               | 5290.000,                          | 5.28              | 4.68                   | 36.1             |
| Head Simulating<br>Liquid | 10.00                        | 5GHz |               | 58                                 |                   |                        |                  |

#### **Hardware Setup**

| Phantom                                 | TSL, Measured Date          | Probe, Calibration Date     | DAE, Calibration Date     |
|---|-----------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 2024-10-18 |

#### **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                |
| Grading Ratio       | N/A           | 1.2                |
| MAIA                | Υ             | Υ                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |
|                     |               |                    |

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-06    | 2025-05-06    |
| psSAR1g [W/kg]      | 0.054         | 0.062         |
| psSAR10g [W/kg]     | 0.014         | 0.020         |
| Power Drift [dB]    | 0.31          | 0.73          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 64.8          |
| Dist 3dB Peak [mm]  |               | 3.1           |

