

Measurement Report for Device, TILT, WLAN 5GHz, Channel 100 (5500.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL             | Position, Test Distance [mm] | Band      | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------------|------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| LeftHead, Head Simulating Liquid | TILT, 0.00                   | WLAN 5GHz |            | 5500.000, 100                   | 4.87              | 5.11                   | 35.4             |

Hardware Setup

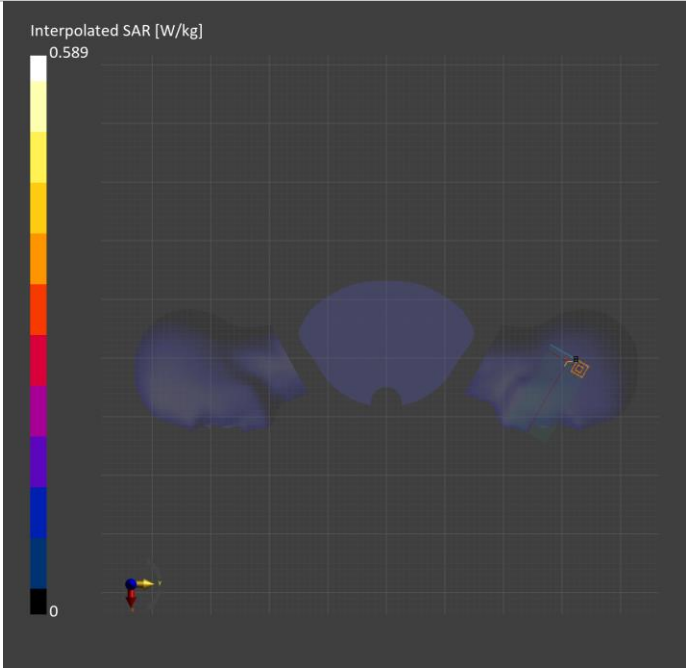
| Phantom                                 | TSL, Measured Date             | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 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                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-11    | 2025-05-11    |
| psSAR1g [W/kg]      | 0.070         | 0.082         |
| psSAR10g [W/kg]     | 0.017         | 0.014         |
| Power Drift [dB]    | 1.50          | -0.17         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 67.7          |
| Dist 3dB Peak [mm]  |               | 3.8           |



Measurement Report for Device, BACK, WLAN 5GHz, Channel 100 (5500.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL         | Position, Test Distance [mm] | Band      | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | BACK, 10.00                  | WLAN 5GHz |            | 5500.000, 100                   | 4.87              | 5.11                   | 35.4             |

Hardware Setup

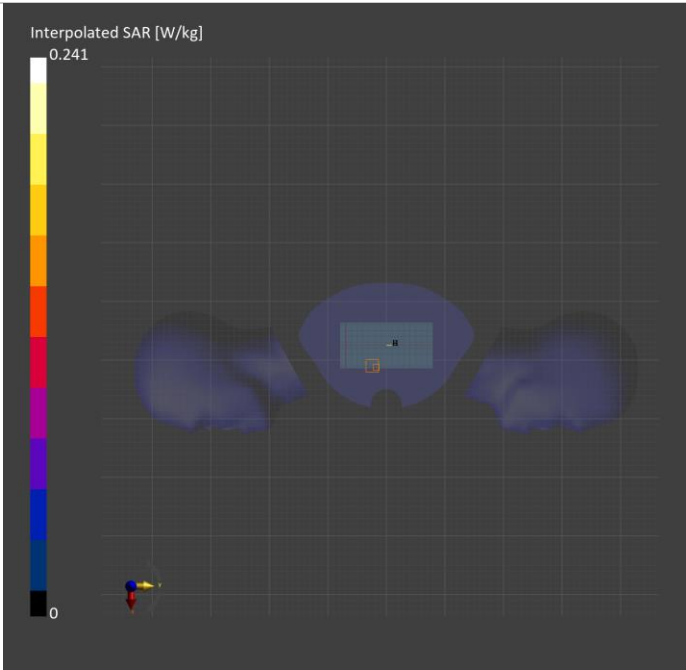
| Phantom                                 | TSL, Measured Date             | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 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                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-11    | 2025-05-11    |
| psSAR1g [W/kg]      | 0.028         | 0.039         |
| psSAR10g [W/kg]     | 0.008         | 0.006         |
| Power Drift [dB]    | N/A           | -1.17         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.4          |
| Dist 3dB Peak [mm]  |               | 4.8           |



Measurement Report for Device, TILT, WLAN 5GHz, Channel 159 (5795.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL             | Position, Test Distance [mm] | Band      | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------------|------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| LeftHead, Head Simulating Liquid | TILT, 0.00                   | WLAN 5GHz |            | 5795.000, 159                   | 4.84              | 5.17                   | 35.4             |

Hardware Setup

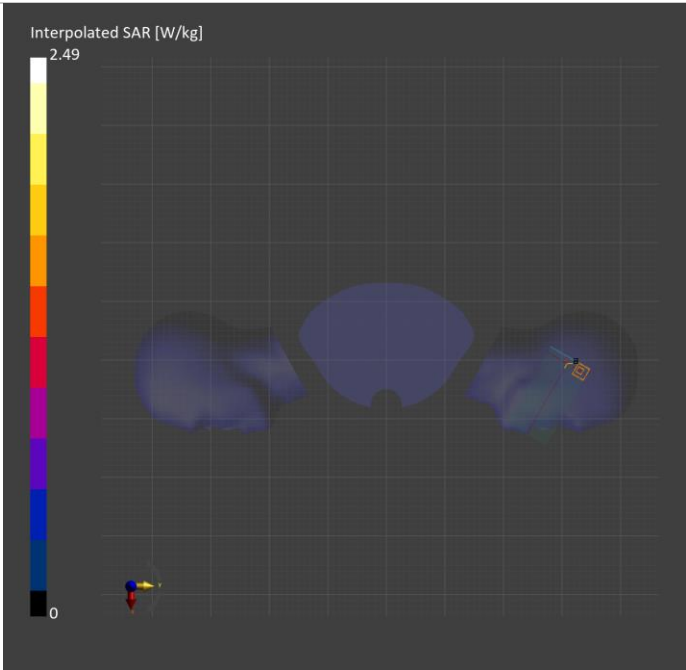
| Phantom                                 | TSL, Measured Date             | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 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                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-15    | 2025-05-15    |
| psSAR1g [W/kg]      | 0.085         | 0.097         |
| psSAR10g [W/kg]     | 0.022         | 0.017         |
| Power Drift [dB]    | 1.36          | 0.06          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 64.8          |
| Dist 3dB Peak [mm]  |               | 4.0           |



Measurement Report for Device, BACK, WLAN 5GHz, Channel 159 (5795.000MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|-----------------|------|----------|
| Device,             | 0               |      | Phone    |

Exposure Conditions

| Phantom Section, TSL         | Position, Test Distance [mm] | Band      | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | BACK, 10.00                  | WLAN 5GHz |            | 5795.000, 159                   | 4.84              | 5.17                   | 35.4             |

Hardware Setup

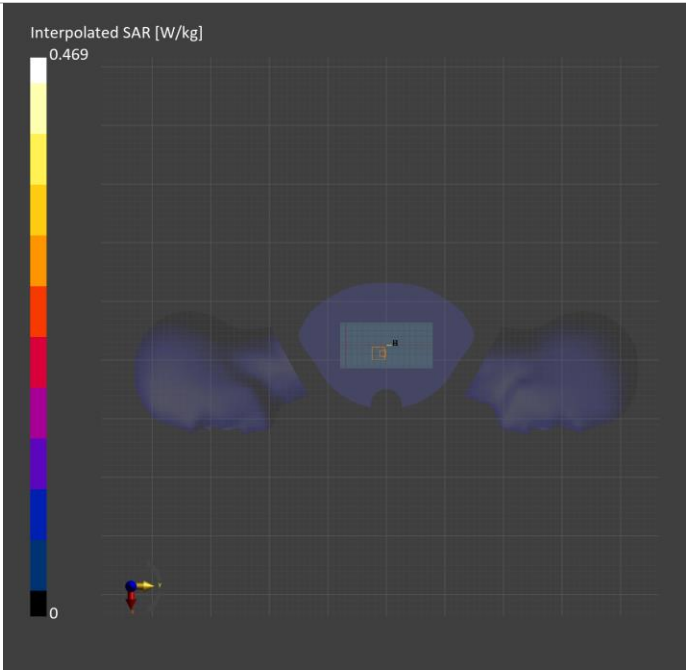
| Phantom                                 | TSL, Measured Date             | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 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                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-15    | 2025-05-15    |
| psSAR1g [W/kg]      | 0.071         | 0.074         |
| psSAR10g [W/kg]     | 0.023         | 0.016         |
| Power Drift [dB]    | -1.57         | -0.43         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 65.9          |
| Dist 3dB Peak [mm]  |               | 4.7           |



Measurement Report for Device, CHEEK, Band n5, Channel 165300 (826.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL      | Position, Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| LeftHead, HBBL 5-10000MHz | CHEEK, 0.00                  | Band n5 |            | 826.500, 165300                 | 10.45             | 0.912                  | 41.5             |

Hardware Setup

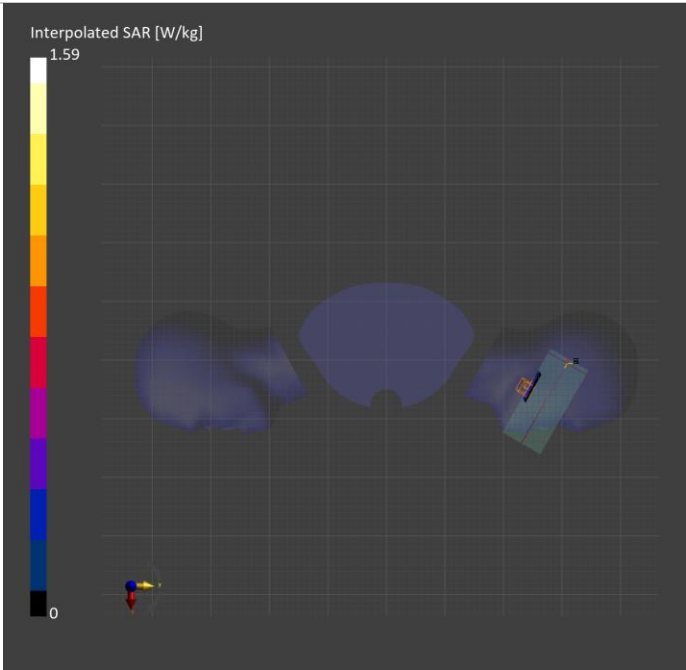
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-26    | 2025-03-26    |
| psSAR1g [W/kg]      | 0.637         | 0.743         |
| psSAR10g [W/kg]     | 0.397         | 0.399         |
| Power Drift [dB]    | -0.12         | -0.16         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.5          |
| Dist 3dB Peak [mm]  |               | 6.3           |



Measurement Report for Device, BACK, Band n5, Channel 165300 (826.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n5 |            | 826.500, 165300                 | 10.45             | 0.912                  | 41.5             |

Hardware Setup

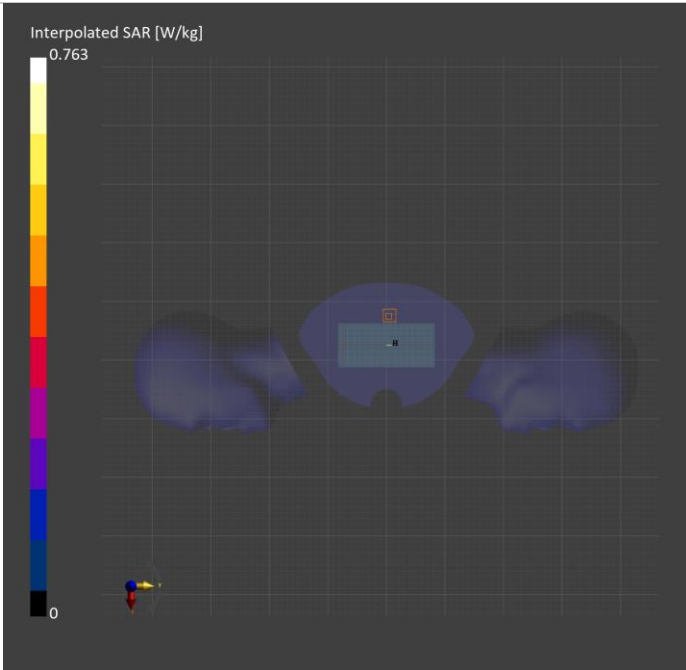
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-26    | 2025-03-26    |
| psSAR1g [W/kg]      | 0.409         | 0.421         |
| psSAR10g [W/kg]     | 0.259         | 0.251         |
| Power Drift [dB]    | 0.00          | -0.13         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 80.0          |
| Dist 3dB Peak [mm]  |               | 10.8          |



Measurement Report for Device, TILT, Band n7, Channel 512500 (2562.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n7 |            | 2562.500, 512500                | 7.9               | 1.90                   | 39.1             |

Hardware Setup

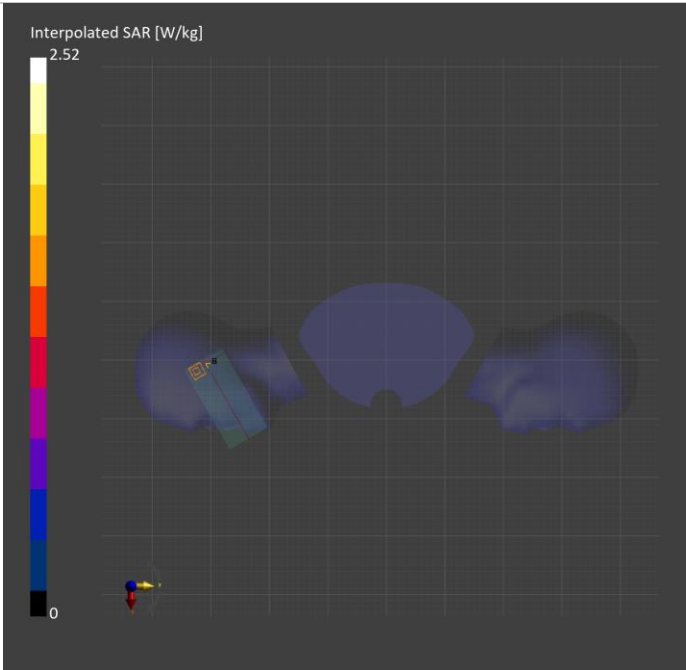
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-09    | 2025-04-09    |
| psSAR1g [W/kg]      | 0.899         | 0.928         |
| psSAR10g [W/kg]     | 0.360         | 0.346         |
| Power Drift [dB]    | -0.12         | -0.19         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 74.1          |
| Dist 3dB Peak [mm]  |               | 6.1           |



Measurement Report for Device, BACK, Band n7 , Channel 512500 (2562.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n7 |            | 2562.500, 512500                | 7.9               | 1.90                   | 39.1             |

Hardware Setup

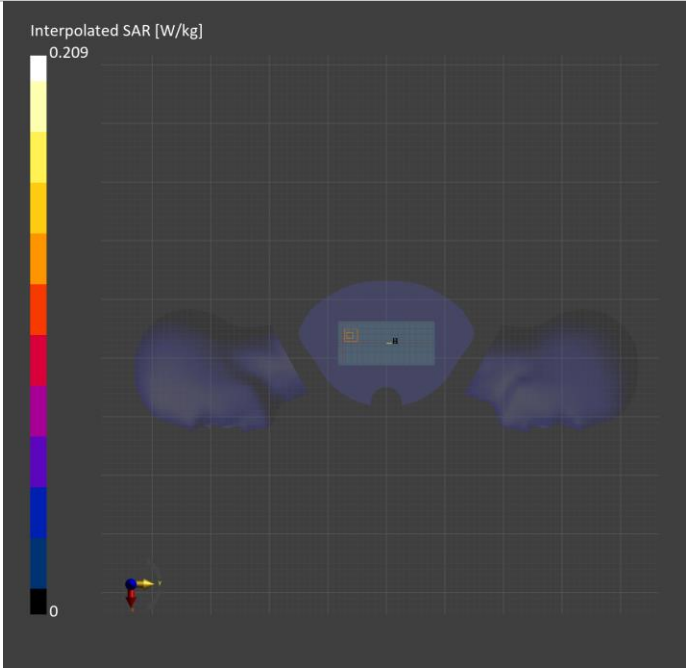
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-09    | 2025-04-09    |
| psSAR1g [W/kg]      | 0.098         | 0.102         |
| psSAR10g [W/kg]     | 0.051         | 0.051         |
| Power Drift [dB]    | -0.04         | 0.01          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 78.7          |
| Dist 3dB Peak [mm]  |               | 11.5          |



Measurement Report for Device, CHEEK, Band n12, Channel 142200 (711.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL      | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| LeftHead, HBBL 5-10000MHz | CHEEK, 0.00                  | Band n12 |            | 711.000, 142200                 | 10.45             | 0.891                  | 42.2             |

Hardware Setup

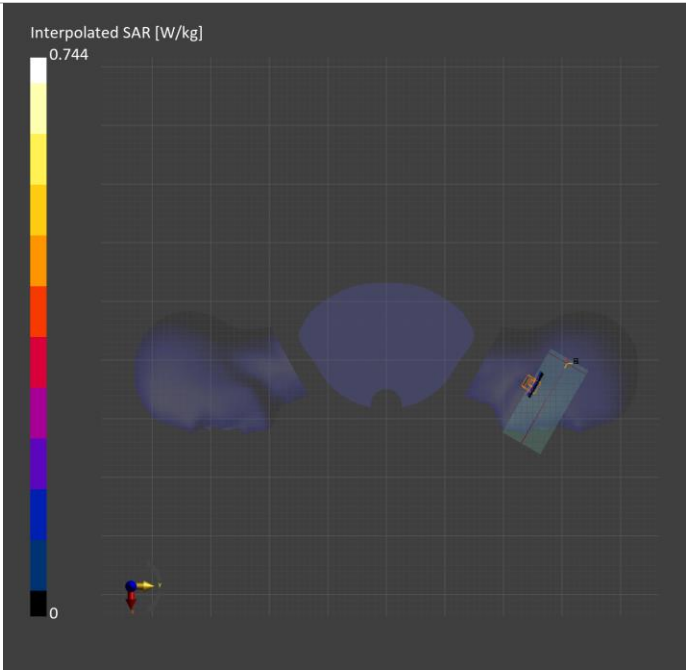
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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      | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.297         | 0.305         |
| psSAR10g [W/kg]     | 0.178         | 0.154         |
| Power Drift [dB]    | -0.04         | -0.21         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.0          |
| Dist 3dB Peak [mm]  |               | 3.7           |



Measurement Report for Device, BACK, Band n12, Channel 142200 (711.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n12 |            | 711.000, 142200                 | 10.45             | 0.891                  | 42.2             |

Hardware Setup

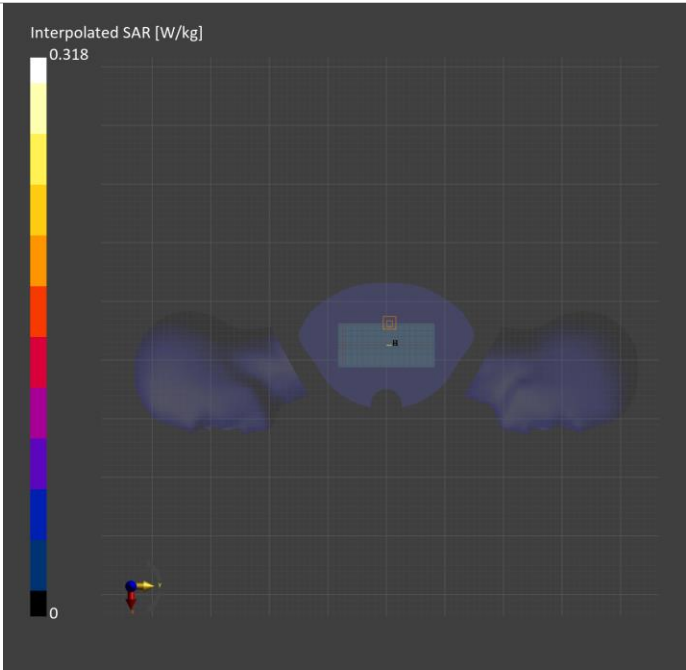
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.158         | 0.182         |
| psSAR10g [W/kg]     | 0.105         | 0.111         |
| Power Drift [dB]    | -0.04         | -0.13         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 83.0          |
| Dist 3dB Peak [mm]  |               | 10.8          |



Measurement Report for Device, TILT, Band n38, UID 10900 AAC, Channel 515500 (2577.500MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]    | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device,             | 165.0 x 75.0 x 8.0 |      | Phone    |

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n38 |            | 2577.500, 515500                | 7.7               | 1.96                   | 39.0             |

Hardware Setup

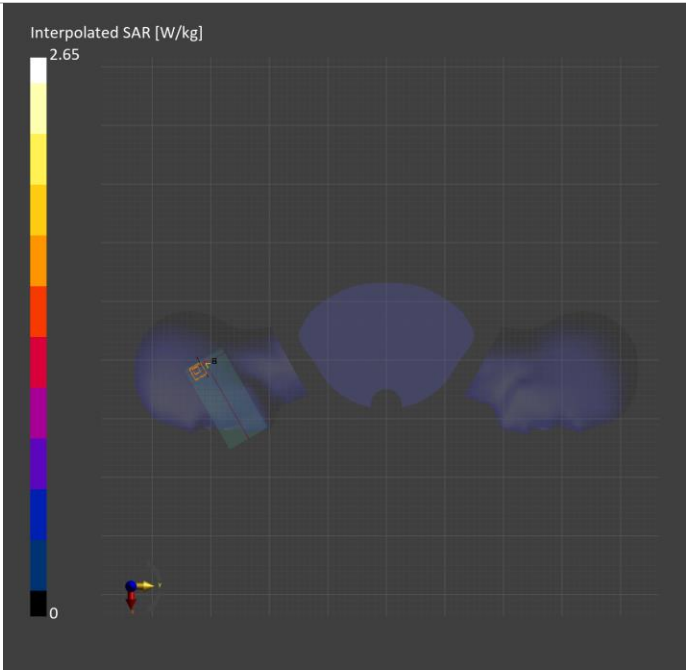
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.786         | 0.752         |
| psSAR10g [W/kg]     | 0.318         | 0.312         |
| Power Drift [dB]    | -0.22         | 0.31          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.5          |
| Dist 3dB Peak [mm]  |               | 4.1           |



Measurement Report for Device, BACK, Band n38, Channel 515500 (2577.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n38 |            | 2577.500, 515500                | 7.7               | 1.96                   | 39.0             |

Hardware Setup

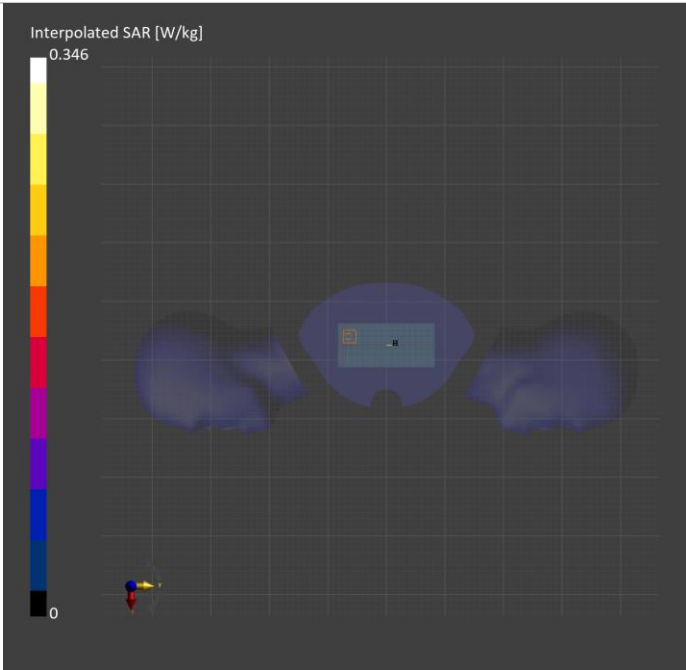
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-12    | 2025-04-12    |
| psSAR1g [W/kg]      | 0.161         | 0.165         |
| psSAR10g [W/kg]     | 0.083         | 0.079         |
| Power Drift [dB]    | -0.02         | -0.11         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 78.7          |
| Dist 3dB Peak [mm]  |               | 10.1          |



Measurement Report for Device, TILT, Band n41, Channel 504204 (2521.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n41 |            | 2521.000, 504204                | 7.7               | 1.96                   | 39.0             |

Hardware Setup

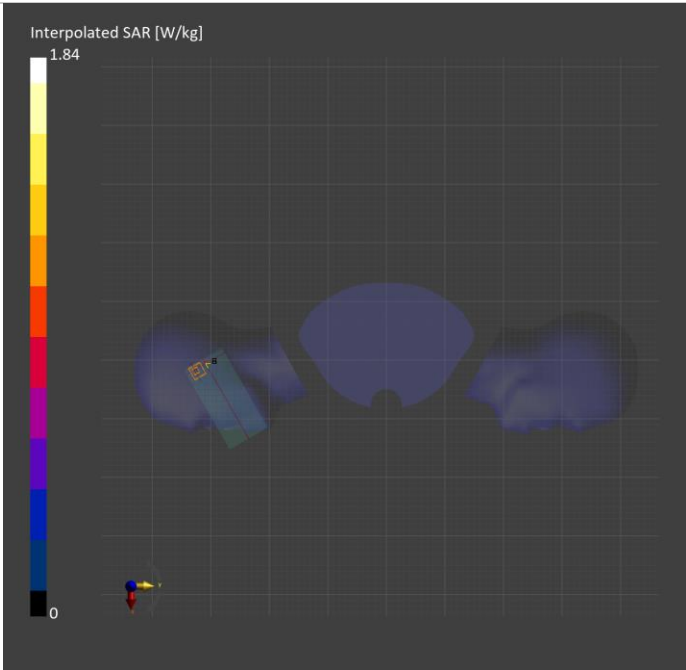
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-09    | 2025-04-09    |
| psSAR1g [W/kg]      | 0.606         | 0.622         |
| psSAR10g [W/kg]     | 0.243         | 0.228         |
| Power Drift [dB]    | -0.12         | -0.13         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 70.5          |
| Dist 3dB Peak [mm]  |               | 5.6           |



Measurement Report for Device, BACK, Band n41, Channel 504204 (2521.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n41 |            | 2521.000, 504204                | 7.7               | 1.96                   | 39.0             |

Hardware Setup

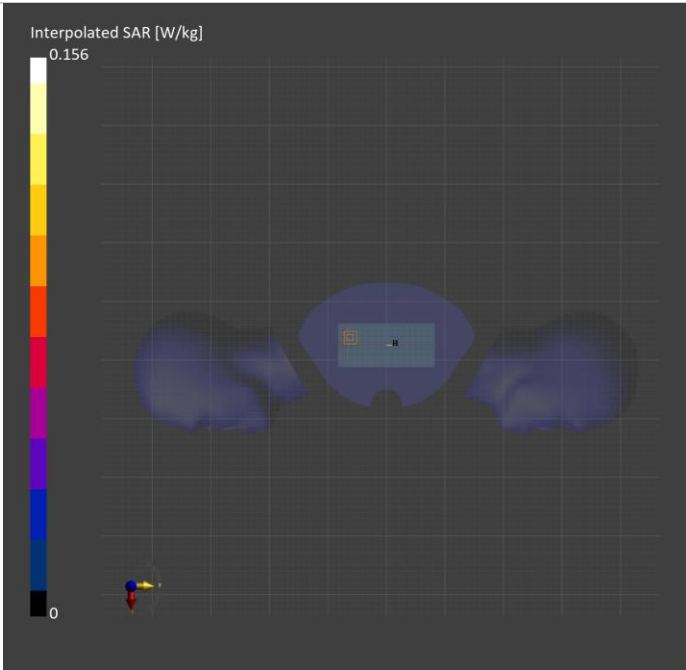
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-09    | 2025-04-09    |
| psSAR1g [W/kg]      | 0.069         | 0.074         |
| psSAR10g [W/kg]     | 0.036         | 0.036         |
| Power Drift [dB]    | -0.11         | 0.08          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 77.4          |
| Dist 3dB Peak [mm]  |               | 10.2          |



Measurement Report for Device, TILT, Band n66, Channel 349000 (1745.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n66 |            | 1745.000, 349000                | 8.72              | 1.37                   | 40.1             |

Hardware Setup

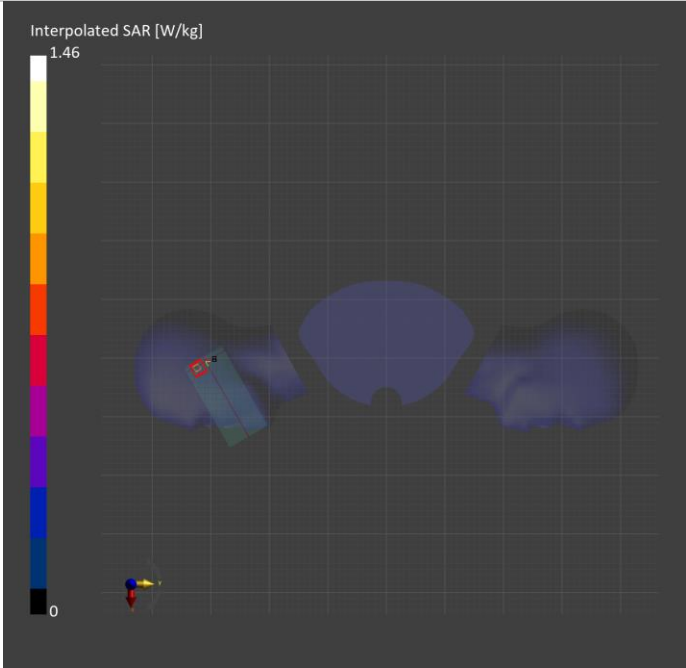
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.465         | 0.521         |
| psSAR10g [W/kg]     | 0.241         | 0.224         |
| Power Drift [dB]    | -0.12         | -0.18         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 67.7          |
| Dist 3dB Peak [mm]  |               | 6.2           |



Measurement Report for Device, BACK, Band n66, Channel 349000 (1745.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n66 |            | 1745.000, 349000                | 8.72              | 1.37                   | 40.1             |

Hardware Setup

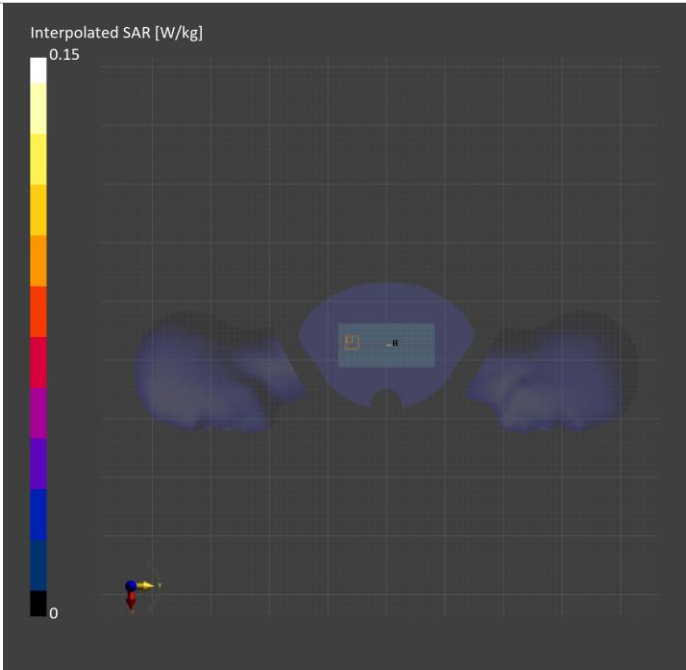
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-28    | 2025-03-28    |
| psSAR1g [W/kg]      | 0.077         | 0.082         |
| psSAR10g [W/kg]     | 0.046         | 0.048         |
| Power Drift [dB]    | -0.06         | -0.11         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 81.8          |
| Dist 3dB Peak [mm]  |               | 11.4          |



Measurement Report for Device, CHEEK, Band n71, Channel 133100 (665.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL      | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|---------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| LeftHead, HBBL 5-10000MHz | CHEEK, 0.00                  | Band n71 |            | 665.500, 133100                 | 10.45             | 0.889                  | 42.3             |

Hardware Setup

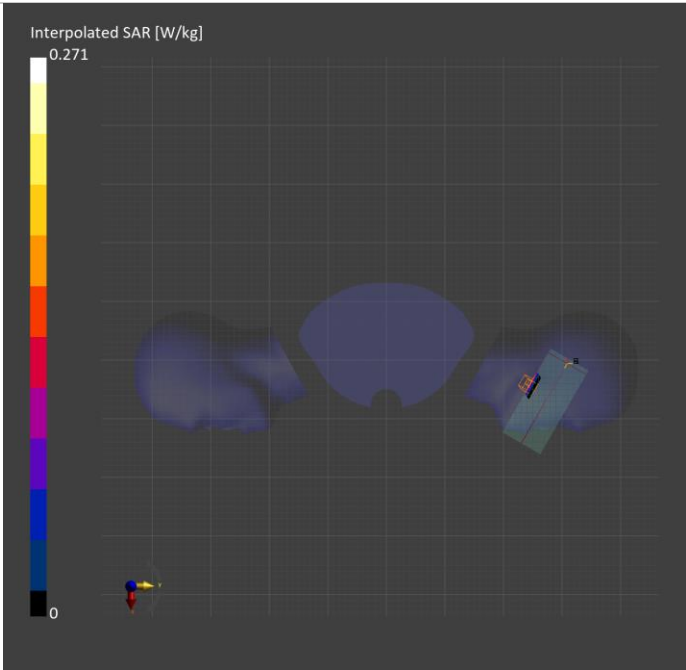
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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      | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.108         | 0.121         |
| psSAR10g [W/kg]     | 0.066         | 0.064         |
| Power Drift [dB]    | -0.18         | -0.04         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.5          |
| Dist 3dB Peak [mm]  |               | 4.9           |



Measurement Report for Device, BACK, Band n71, Channel 133100 (665.500MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n71 |            | 665.500, 133100                 | 10.45             | 0.889                  | 42.3             |

Hardware Setup

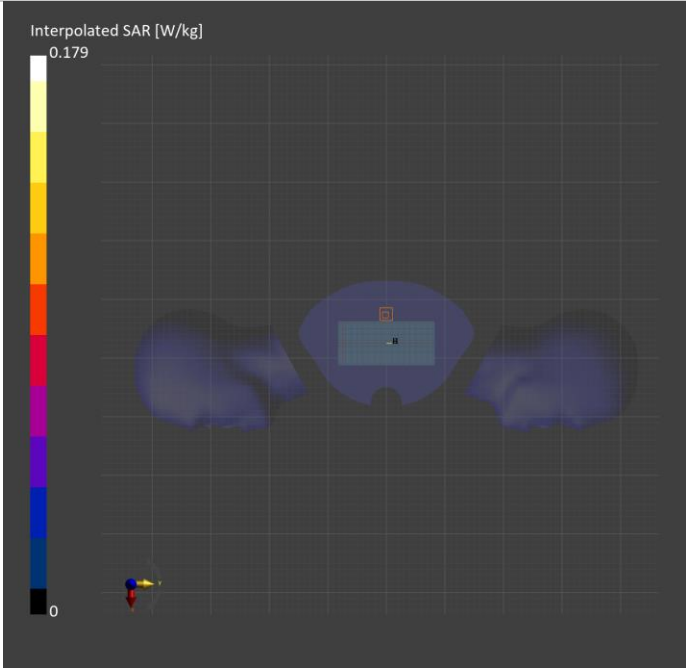
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | N/A                |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-03-21    | 2025-03-21    |
| psSAR1g [W/kg]      | 0.099         | 0.101         |
| psSAR10g [W/kg]     | 0.063         | 0.061         |
| Power Drift [dB]    | -0.04         | -0.05         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 80.7          |
| Dist 3dB Peak [mm]  |               | 10.8          |



Measurement Report for Device, TILT, Band n77, Channel 631668 (3475.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n77 |            | 3475.000, 631668                | 7.0               | 2.92                   | 37.9             |

Hardware Setup

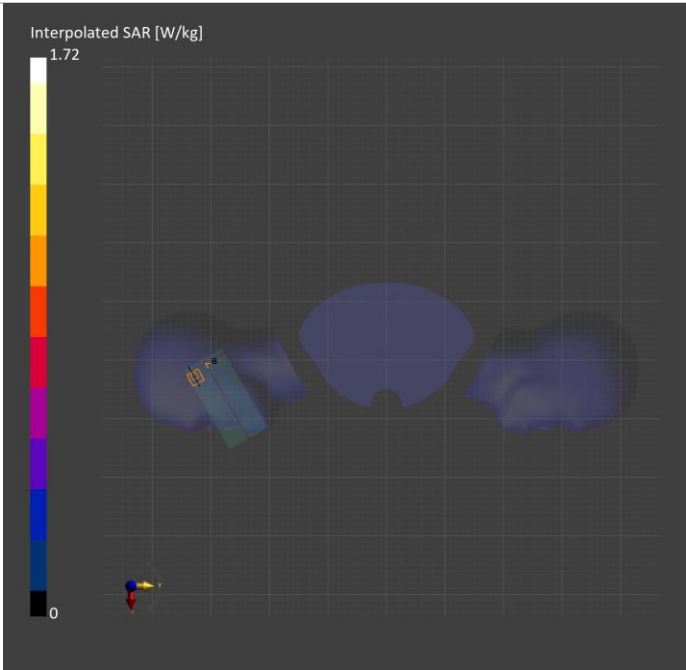
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.425         | 0.528         |
| psSAR10g [W/kg]     | 0.184         | 0.192         |
| Power Drift [dB]    | -0.05         | -0.13         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 67.6          |
| Dist 3dB Peak [mm]  |               | 5.8           |



Measurement Report for Device, BACK, Band n77, Channel 631668 (3475.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n77 |            | 3475.000, 631668                | 7.0               | 2.92                   | 37.9             |

Hardware Setup

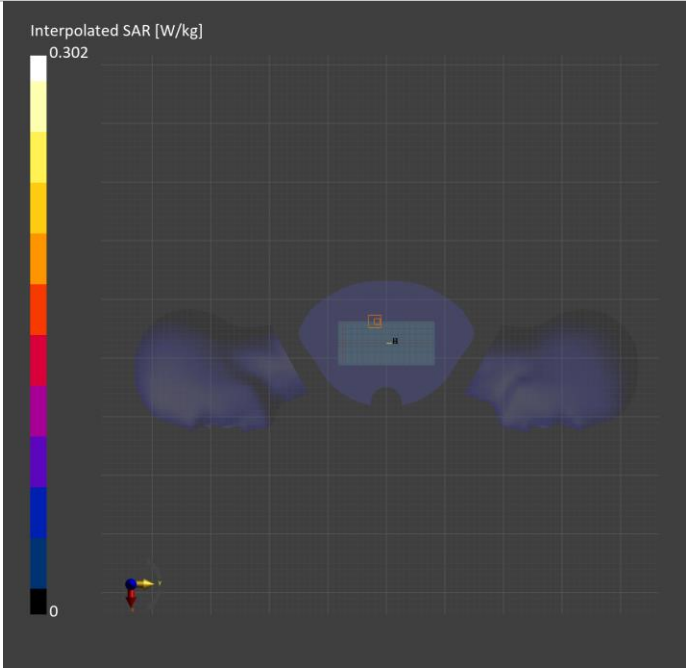
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.123         | 0.125         |
| psSAR10g [W/kg]     | 0.058         | 0.057         |
| Power Drift [dB]    | -0.13         | 0.07          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.6          |
| Dist 3dB Peak [mm]  |               | 10.8          |



Measurement Report for Device, TILT, Band n77, Channel 638334 (3575.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n77 |            | 3575.000, 638334                | 6.8               | 3.04                   | 37.8             |

Hardware Setup

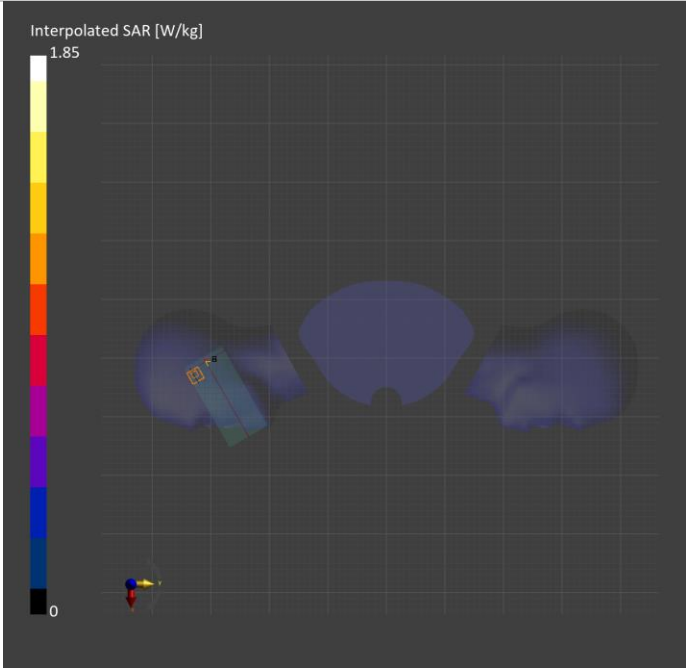
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.453         | 0.572         |
| psSAR10g [W/kg]     | 0.191         | 0.201         |
| Power Drift [dB]    | -0.15         | -0.15         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 70.4          |
| Dist 3dB Peak [mm]  |               | 6.0           |



Measurement Report for Device, BACK, Band n77, Channel 638334 (3575..000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n77 | 5G NR FR1 TDD, 10900-AAC | 3575.000, 638334                | 6.8               | 3.04                   | 37.8             |

Hardware Setup

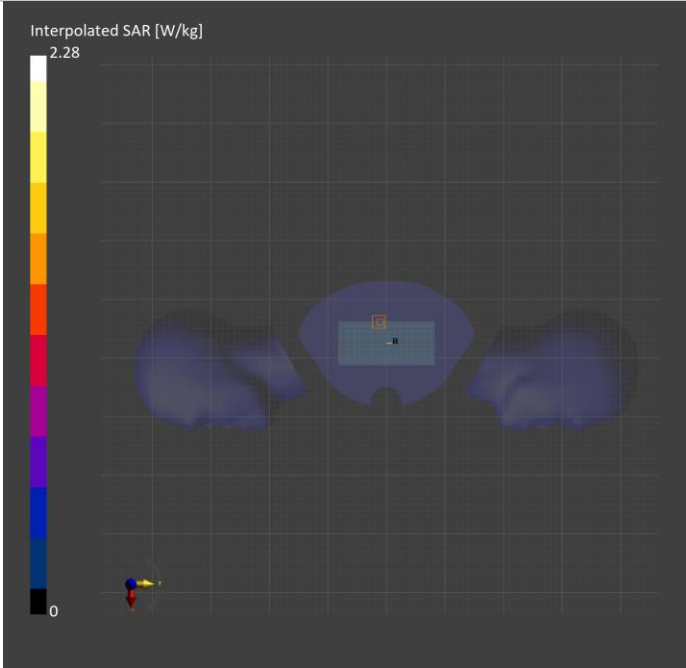
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-22    | 2025-04-22    |
| psSAR1g [W/kg]      | 0.137         | 0.144         |
| psSAR10g [W/kg]     | 0.062         | 0.062         |
| Power Drift [dB]    | -0.07         | -0.18         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.7          |
| Dist 3dB Peak [mm]  |               | 10.5          |



Measurement Report for Device, TILT, Band n77 , Channel 662000 (3930.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n77 |            | 3930.000, 662000                | 6.7               | 3.27                   | 37.5             |

Hardware Setup

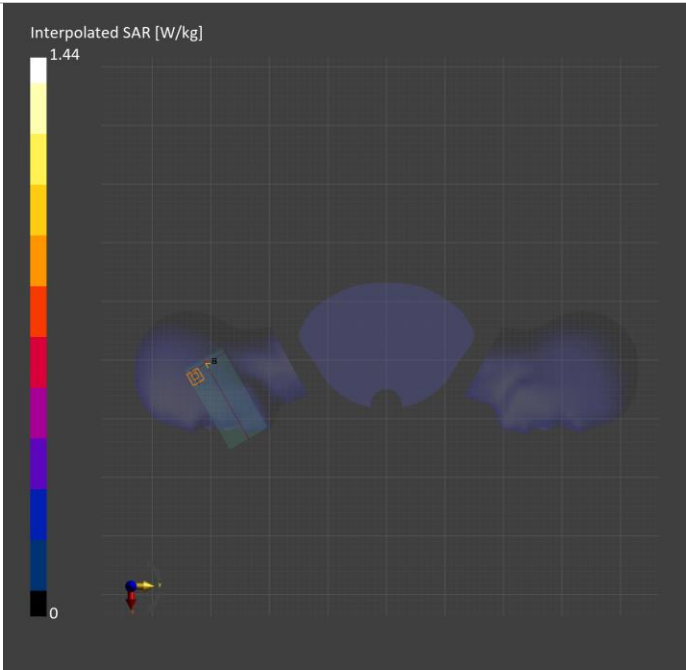
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-01    | 2025-05-01    |
| psSAR1g [W/kg]      | 0.374         | 0.451         |
| psSAR10g [W/kg]     | 0.146         | 0.153         |
| Power Drift [dB]    | -0.14         | -0.14         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 70.2          |
| Dist 3dB Peak [mm]  |               | 5.9           |



Measurement Report for Device, BACK, Band n77, Channel 662000 (3930.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n77 |            | 3930.000, 662000                | 6.7               | 3.27                   | 37.5             |

Hardware Setup

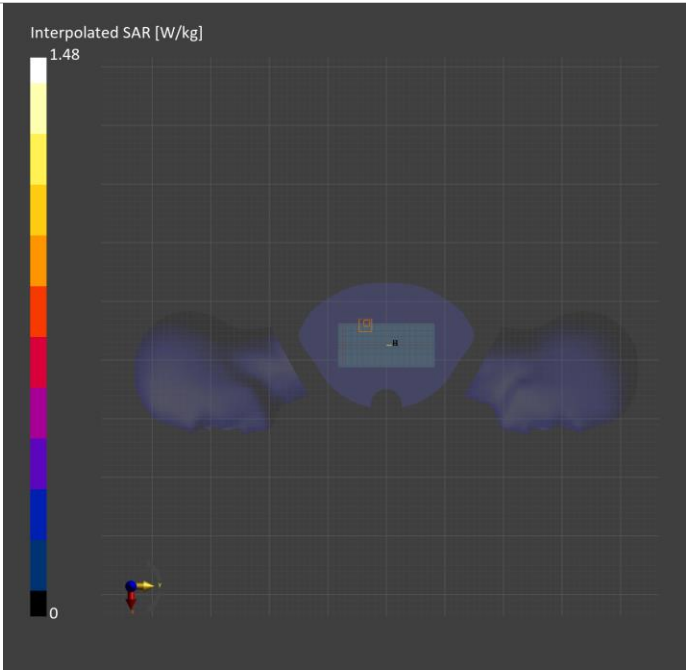
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-01    | 2025-05-01    |
| psSAR1g [W/kg]      | 0.094         | 0.097         |
| psSAR10g [W/kg]     | 0.041         | 0.041         |
| Power Drift [dB]    | -0.12         | -0.09         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 72.7          |
| Dist 3dB Peak [mm]  |               | 10.3          |



Measurement Report for Device, TILT, Band n78, Channel 630334 (3455.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n78 |            | 3455.000, 630334                | 7.0               | 2.92                   | 37.9             |

Hardware Setup

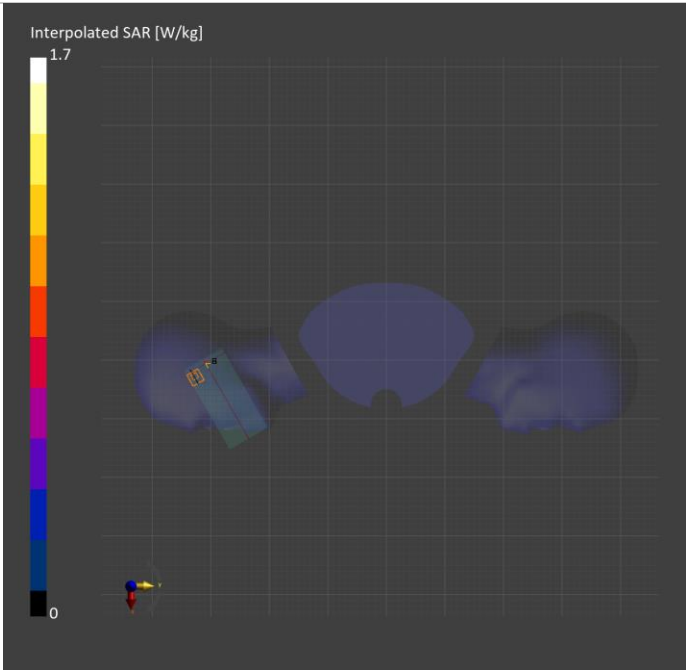
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-01    | 2025-05-01    |
| psSAR1g [W/kg]      | 0.445         | 0.534         |
| psSAR10g [W/kg]     | 0.193         | 0.196         |
| Power Drift [dB]    | -0.06         | -0.09         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 68.7          |
| Dist 3dB Peak [mm]  |               | 6.3           |



Measurement Report for Device, BACK, Band n78, Channel 630334 (3455.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID               | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|--------------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n78 | 5G NR FR1 TDD, 10900-AAC | 3455.000, 630334                | 7.0               | 2.92                   | 37.9             |

Hardware Setup

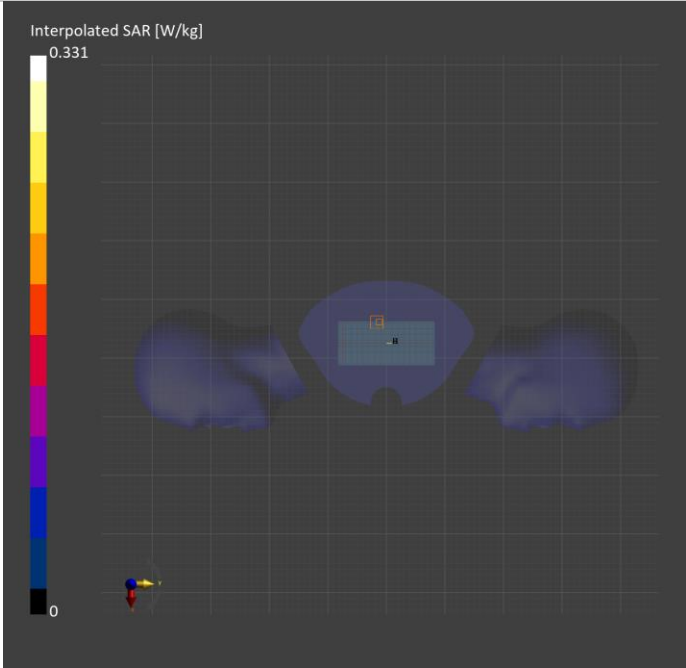
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-05-01    | 2025-05-01    |
| psSAR1g [W/kg]      | 0.131         | 0.138         |
| psSAR10g [W/kg]     | 0.062         | 0.062         |
| Power Drift [dB]    | -0.10         | 0.07          |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.8          |
| Dist 3dB Peak [mm]  |               | 10.1          |



Measurement Report for Device, TILT, Band n78, Channel 641666 (3624.990MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n78 |            | 3624.990, 641666                | 6.8               | 3.04                   | 37.8             |

Hardware Setup

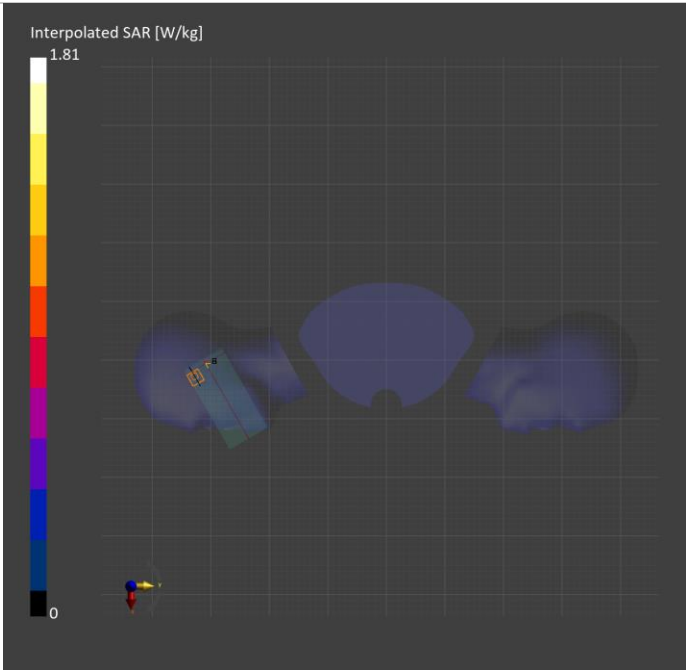
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | N/A           | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-26    | 2025-04-26    |
| psSAR1g [W/kg]      | 0.456         | 0.568         |
| psSAR10g [W/kg]     | 0.193         | 0.201         |
| Power Drift [dB]    | -0.07         | -0.09         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 68.4          |
| Dist 3dB Peak [mm]  |               | 6.0           |



Measurement Report for Device, BACK, Band n78, UID 10900 AAC, Channel 641666 (3624.990MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n78 |            | 3624.990, 641666                | 6.8               | 3.04                   | 37.8             |

Hardware Setup

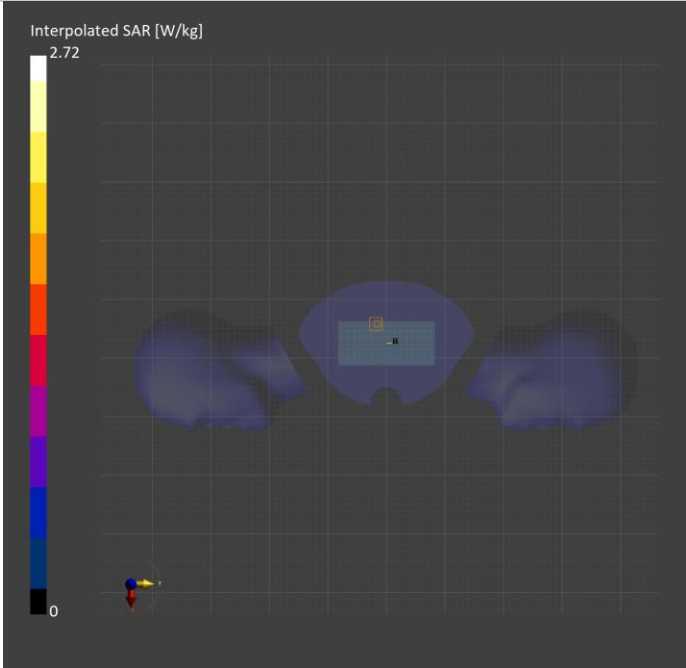
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-26    | 2025-04-26    |
| psSAR1g [W/kg]      | 0.134         | 0.141         |
| psSAR10g [W/kg]     | 0.061         | 0.060         |
| Power Drift [dB]    | -0.06         | -0.10         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 75.7          |
| Dist 3dB Peak [mm]  |               | 9.5           |



Measurement Report for Device, TILT, Band n78, , Channel 647000 (3705.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL       | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| RightHead, HBBL 5-10000MHz | TILT, 0.00                   | Band n78 |            | 3705.000, 647000                | 6.8               | 3.17                   | 37.6             |

Hardware Setup

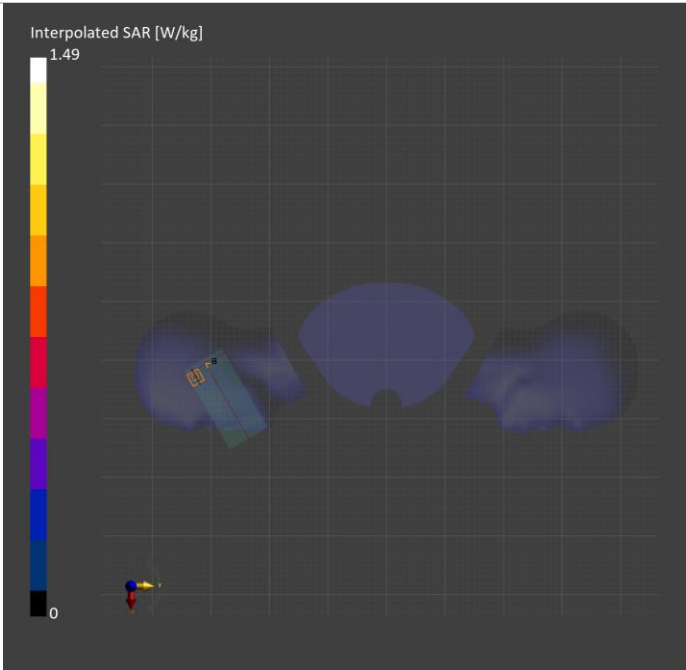
| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | N/A                |
| Surface Detection   | VMS + 6p      | VMS + 6p           |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-26    | 2025-04-26    |
| psSAR1g [W/kg]      | 0.375         | 0.454         |
| psSAR10g [W/kg]     | 0.150         | 0.154         |
| Power Drift [dB]    | -0.04         | -0.12         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 68.3          |
| Dist 3dB Peak [mm]  |               | 5.5           |



Measurement Report for Device, BACK, Band n78, Channel 647000 (3705.000MHz)

Device under Test Properties

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

Exposure Conditions

| Phantom Section, TSL  | Position, Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-----------------------|------------------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HBBL 5-10000MHz | BACK, 10.00                  | Band n78 |            | 3705.000, 675000                | 6.8               | 3.17                   | 37.6             |

Hardware Setup

| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------------------------------|----------------------|-----------------------------|-------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1901 | HBBL 5-10000MHz , -- | EX3DV4 - SN7391, 2024-11-29 | DAE4 Sn1495, 2024-07-24 |

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                | Y             | Y                  |
| Surface Detection   | All points    | All points         |
| Scan Method         | Measured      | Measured           |

Measurement Results

|                     | Area Scan     | Zoom Scan     |
|---------------------|---------------|---------------|
| Date                | 2025-04-26    | 2025-04-26    |
| psSAR1g [W/kg]      | 0.093         | 0.080         |
| psSAR10g [W/kg]     | 0.039         | 0.028         |
| Power Drift [dB]    | -0.48         | -1.99         |
| Power Scaling       | Disabled      | Disabled      |
| Scaling Factor [dB] |               |               |
| TSL Correction      | No correction | No correction |
| M2/M1 [%]           |               | 65.4          |
| Dist 3dB Peak [mm]  |               | 5.1           |

