

Measurement Report for Device, , , UID 0 -, Channel 0 (2450.0MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device, | 50.0 x 10.0 x 15.0 | | 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, HBBL 5-10000MHz | , | | , 0-- | 2450.0, 0 | 7.6 | 1.83 | 39.6 |

Hardware Setup

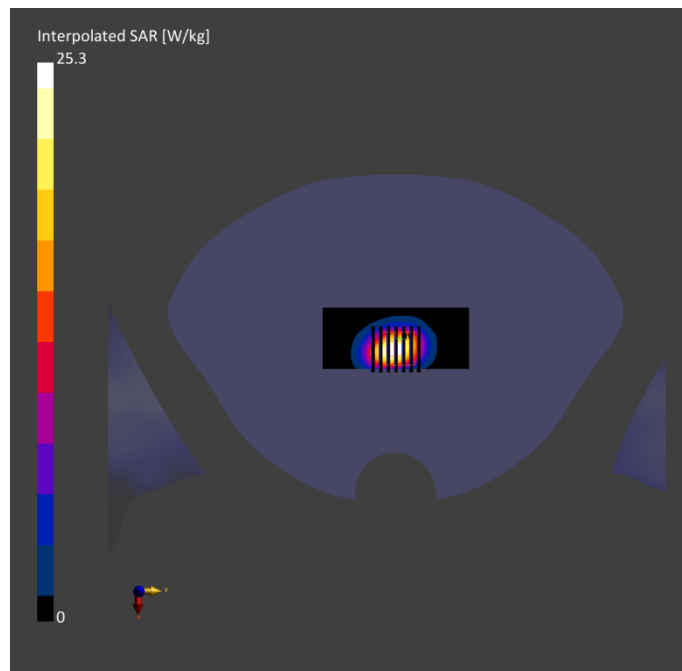
| Phantom | TSL, Measured Date | Probe, Calibration Date | DAE, Calibration Date |
|---|-------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2097 | HBBL 5-10000MHz , 2024-Mar-13 | EX3DV4 - SN7738, 2023-12-13 | DAE4 Sn1725, 2023-10-26 |

Scan Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 10.0 x 12.0 | 5.0 x 5.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |
| Graded Grid | Yes | Yes |
| Grading Ratio | 1.5 | 1.5 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2024-03-13 | 2024-03-13 |
| psSAR1g [W/kg] | 11.3 | 12.1 |
| psSAR10g [W/kg] | 5.46 | 5.61 |
| Power Drift [dB] | -0.03 | 0.08 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 79.6 |
| Dist 3dB Peak [mm] | | 8.9 |



Measurement Report for Device, , , UID 0 -, Channel 0 (5300.0MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device, | 50.0 x 10.0 x 15.0 | | 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, HBBL 5-10000MHz | , | | , 0-- | 5300.0, 0 | 5.38 | 4.63 | 35.8 |

Hardware Setup

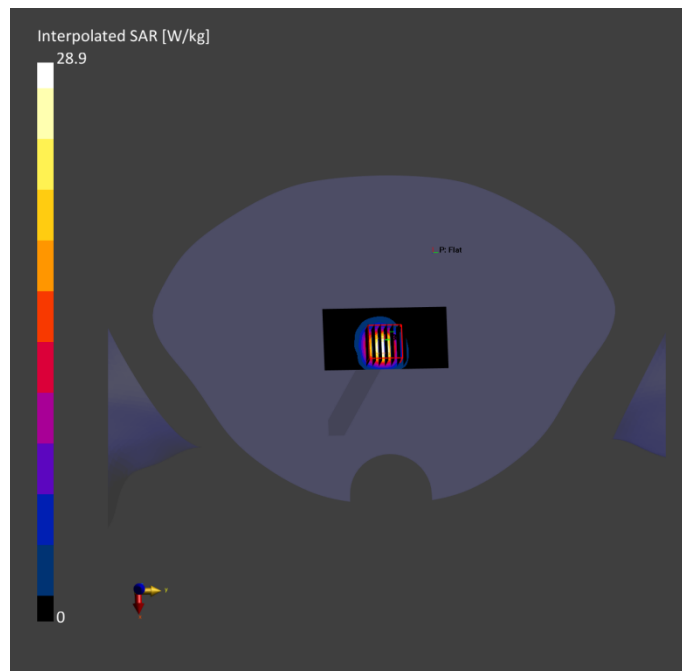
| Phantom | TSL, Measured Date | Probe, Calibration Date | DAE, Calibration Date |
|---|-------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2097 | HBBL 5-10000MHz , 2024-Mar-13 | EX3DV4 - SN7738, 2023-12-13 | DAE4 Sn1725, 2023-10-26 |

Scan Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 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 | Yes | Yes |
| Grading Ratio | 1.5 | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2024-03-13 | 2024-03-13 |
| psSAR1g [W/kg] | 5.94 | 7.40 |
| psSAR10g [W/kg] | 1.95 | 2.10 |
| Power Drift [dB] | -0.09 | -0.07 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 64.7 |
| Dist 3dB Peak [mm] | | 7.2 |



Measurement Report for Device, , , UID 0 -, Channel 0 (5600.0MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device, | 50.0 x 10.0 x 15.0 | | 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, HBBL 5-10000MHz | , | | , 0-- | 5600.0, 0 | 4.65 | 4.94 | 35.3 |

Hardware Setup

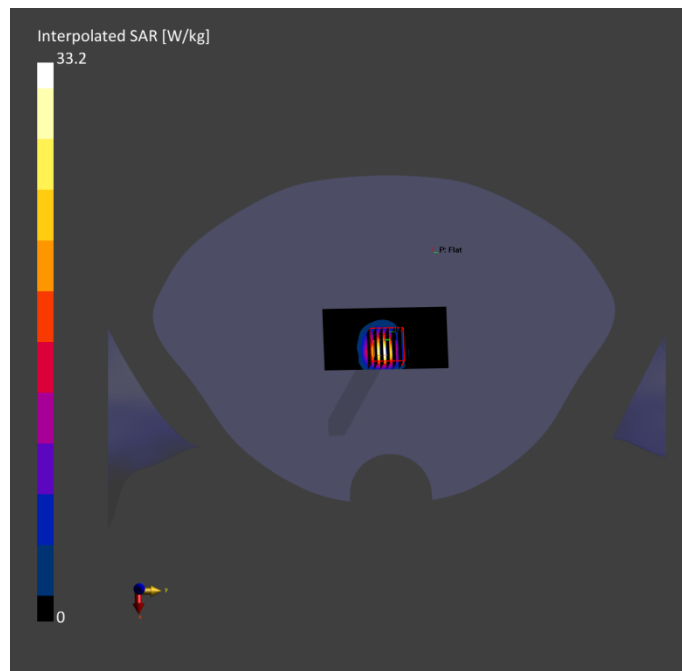
| Phantom | TSL, Measured Date | Probe, Calibration Date | DAE, Calibration Date |
|---|-------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2097 | HBBL 5-10000MHz , 2024-Mar-13 | EX3DV4 - SN7738, 2023-12-13 | DAE4 Sn1725, 2023-10-26 |

Scan Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 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 | Yes | Yes |
| Grading Ratio | 1.5 | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2024-03-13 | 2024-03-13 |
| psSAR1g [W/kg] | 6.80 | 8.03 |
| psSAR10g [W/kg] | 2.11 | 2.27 |
| Power Drift [dB] | -0.07 | -0.06 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 62.1 |
| Dist 3dB Peak [mm] | | 7.2 |



Measurement Report for Device, , , UID 0 -, Channel 0 (5800.0MHz)

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device, | 50.0 x 10.0 x 15.0 | | 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, HBBL 5-10000MHz | , | | , 0-- | 5800.0, 0 | 4.74 | 5.16 | 35.0 |

Hardware Setup

| Phantom | TSL, Measured Date | Probe, Calibration Date | DAE, Calibration Date |
|---|-------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2097 | HBBL 5-10000MHz , 2024-Mar-13 | EX3DV4 - SN7738, 2023-12-13 | DAE4 Sn1725, 2023-10-26 |

Scan Setup

| | Area Scan | Zoom Scan |
|---------------------|-------------|--------------------|
| Grid Extents [mm] | 40.0 x 80.0 | 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 | Yes | Yes |
| Grading Ratio | 1.5 | 1.4 |
| MAIA | N/A | N/A |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2024-03-13 | 2024-03-13 |
| psSAR1g [W/kg] | 6.18 | 7.50 |
| psSAR10g [W/kg] | 1.97 | 2.12 |
| Power Drift [dB] | -0.10 | -0.07 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 59.6 |
| Dist 3dB Peak [mm] | | 7.4 |

Warning(s) / Error(s)

| Details | Area Scan | Zoom Scan |
|------------|-----------|------------------------------------|
| Warning(s) | | Peak 10g averaged SAR on boundary. |
| Error(s) | | |

