

Measurement Report for Device, CHEEK, WLAN 5GHz, Channel 165 (5825.000MHz)

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, Head Simulating Liquid | CHEEK, 0.00 | WLAN 5GHz | | 5825.000, 165 | 4.84 | 5.17 | 35.4 |

Hardware Setup

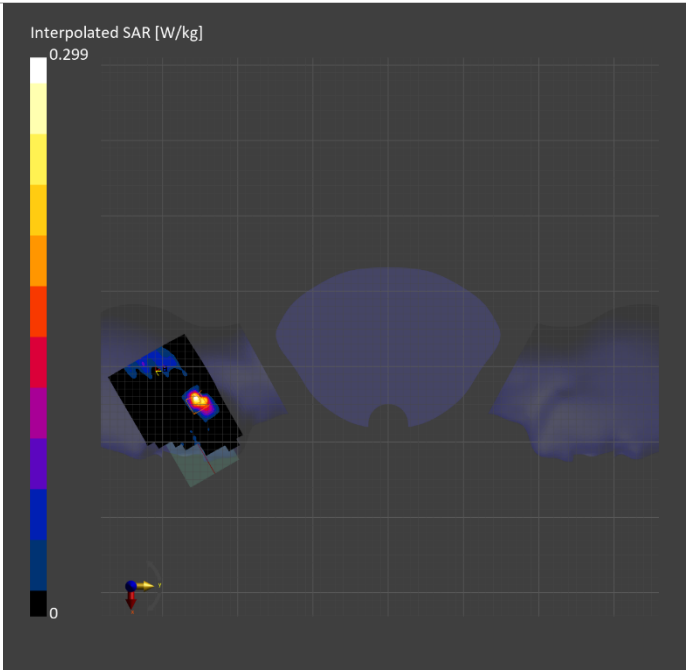
| Phantom | TSL, Measured Date | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|---------------------------|
| Twin-SAM V5.0 (30deg probe tilt) - 1899 | HBBL-600-10000 Charge:xxxx, -- | EX3DV4 - SN7895, 2024-10-28 | DAE4ip Sn1872, 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 | 1.4 |
| MAIA | Y | Y |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2025-06-17 | 2025-06-17 |
| psSAR1g [W/kg] | 0.190 | 0.220 |
| psSAR10g [W/kg] | 0.065 | 0.069 |
| Power Drift [dB] | 0.50 | 0.40 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 61.9 |
| Dist 3dB Peak [mm] | | 3.7 |



Measurement Report for Device, BACK, WLAN 5GHz, Channel 165 (5825.000MHz)

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 | | 5825.000, 165 | 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 | 1.4 |
| MAIA | Y | Y |
| Surface Detection | VMS + 6p | VMS + 6p |
| Scan Method | Measured | Measured |

Measurement Results

| | Area Scan | Zoom Scan |
|---------------------|---------------|---------------|
| Date | 2025-06-17 | 2025-06-17 |
| psSAR1g [W/kg] | 0.174 | 0.196 |
| psSAR10g [W/kg] | 0.069 | 0.074 |
| Power Drift [dB] | -0.07 | 0.04 |
| Power Scaling | Disabled | Disabled |
| Scaling Factor [dB] | | |
| TSL Correction | No correction | No correction |
| M2/M1 [%] | | 56.9 |
| Dist 3dB Peak [mm] | | 9.0 |

