

Measurement Report for SM-F956B, CHEEK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 190 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | GSM 850 | GSM, 10024-DAC | 836.6 | 9.31 | 0.937 | 40.5 |

Hardware Setup

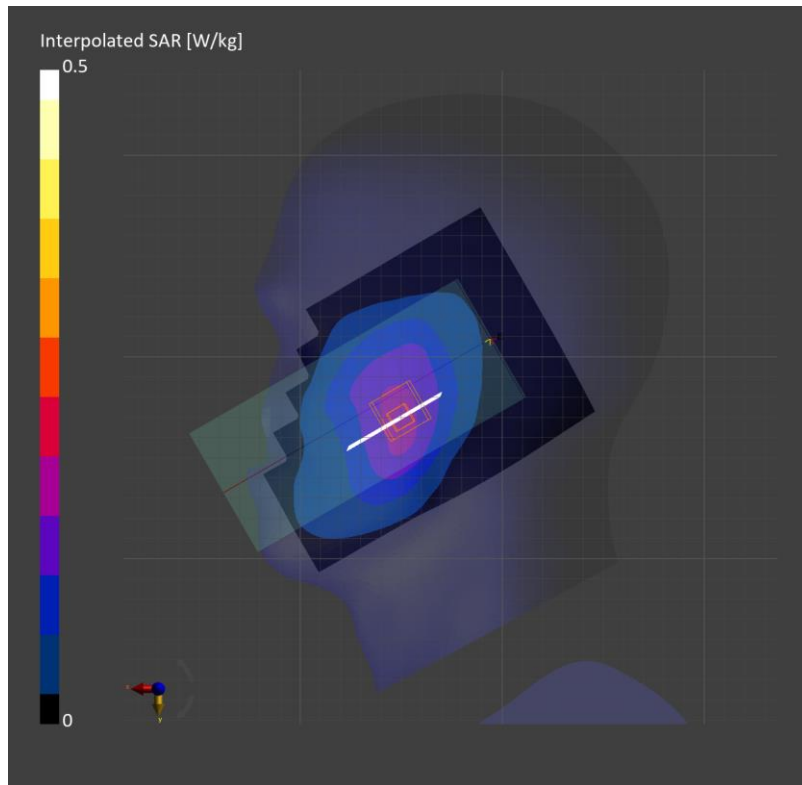
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.161 | 0.185 |
| psSAR10g [W/Kg] | 0.111 | 0.144 |
| Power Drift [dB] | -0.17 | |
| M2/M1 [%] | 87.2 | |
| Dist 3dB Peak [mm] | 23.6 | |



Measurement Report for SM-F956B, REAR, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 190 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | GSM 850 | GSM, 10024-DAC | 836.6 | 9.31 | 0.903 | 41.0 |

Hardware Setup

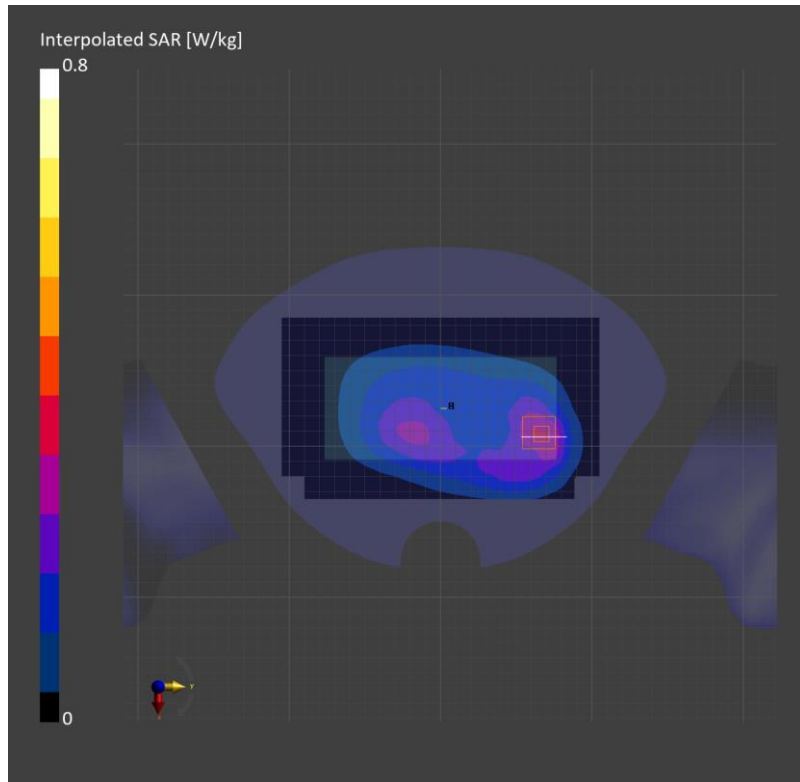
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.300 | 0.300 |
| psSAR10g [W/Kg] | 0.198 | 0.181 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 84.1 |
| Dist 3dB Peak [mm] | | 13.5 |



Measurement Report for SM-F956B, EDGE RIGHT, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 190 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | GSM 850 | GSM, 10024-DAC | 836.6 | 9.31 | 0.903 | 41.0 |

Hardware Setup

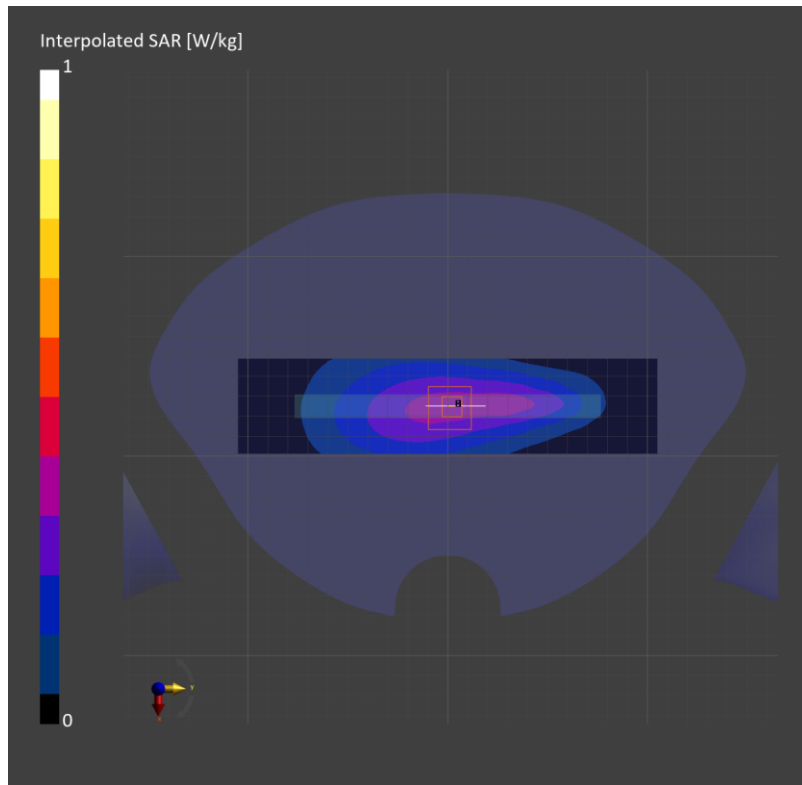
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.330 | 0.332 |
| psSAR10g [W/Kg] | 0.221 | 0.231 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 87.8 |
| Dist 3dB Peak [mm] | | > 15.0 |



Measurement Report for SM-F956B, CHEEK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 128 (824.2 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|----------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | GSM 850 | GSM, 10024-DAC | 824.2 | 9.31 | 0.933 | 40.5 |

Hardware Setup

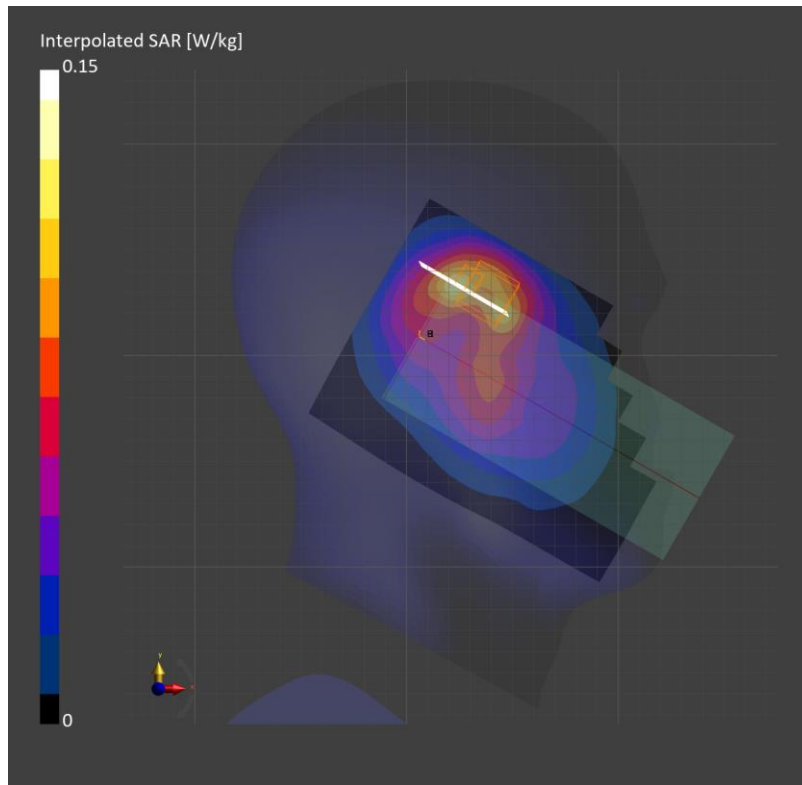
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.102 | 0.107 |
| psSAR10g [W/Kg] | 0.065 | 0.068 |
| Power Drift [dB] | 0.02 | |
| M2/M1 [%] | 80.6 | |
| Dist 3dB Peak [mm] | 10.2 | |



Measurement Report for SM-F956B, EDGE RIGHT, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1), Channel 128 (824.2 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | GSM 850 | GSM, 10024-DAC | 824.2 | 9.61 | 0.884 | 42.4 |

Hardware Setup

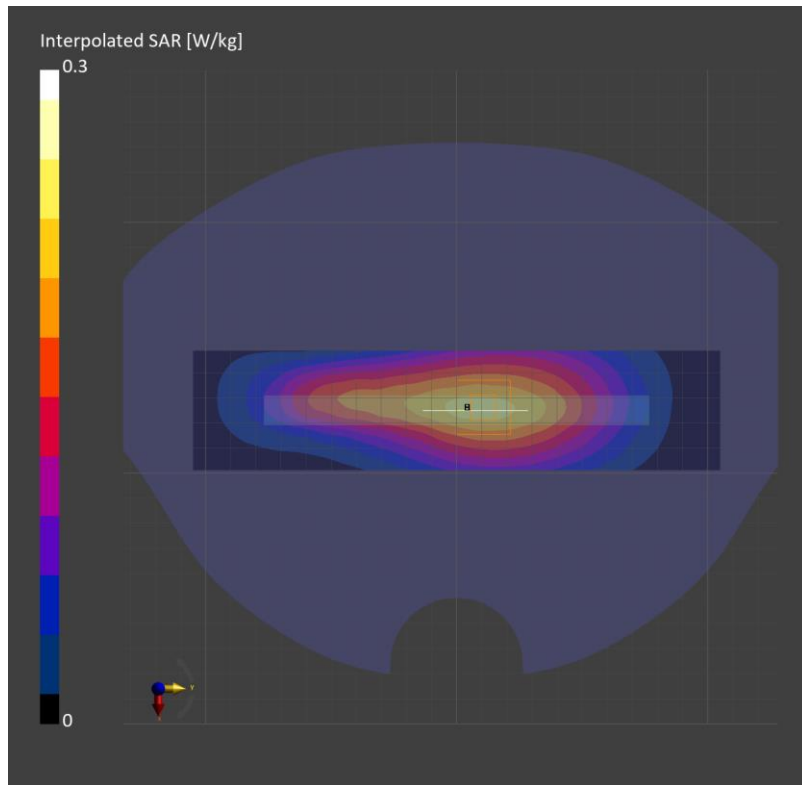
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.206 | 0.204 |
| psSAR10g [W/Kg] | 0.139 | 0.145 |
| Power Drift [dB] | | -0.07 |
| M2/M1 [%] | | 90.3 |
| Dist 3dB Peak [mm] | | 22.4 |



GSM 1900

Frequency: 1880 MHz; Communication System Channel Number: 661; Duty Cycle: 1:4.00037

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 39.243$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1880 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS/Touch GPRS 2 slots ch.661/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0691 W/kg

LHS/Touch GPRS 2 slots ch.661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.107 V/m; Power Drift = -0.06 dB

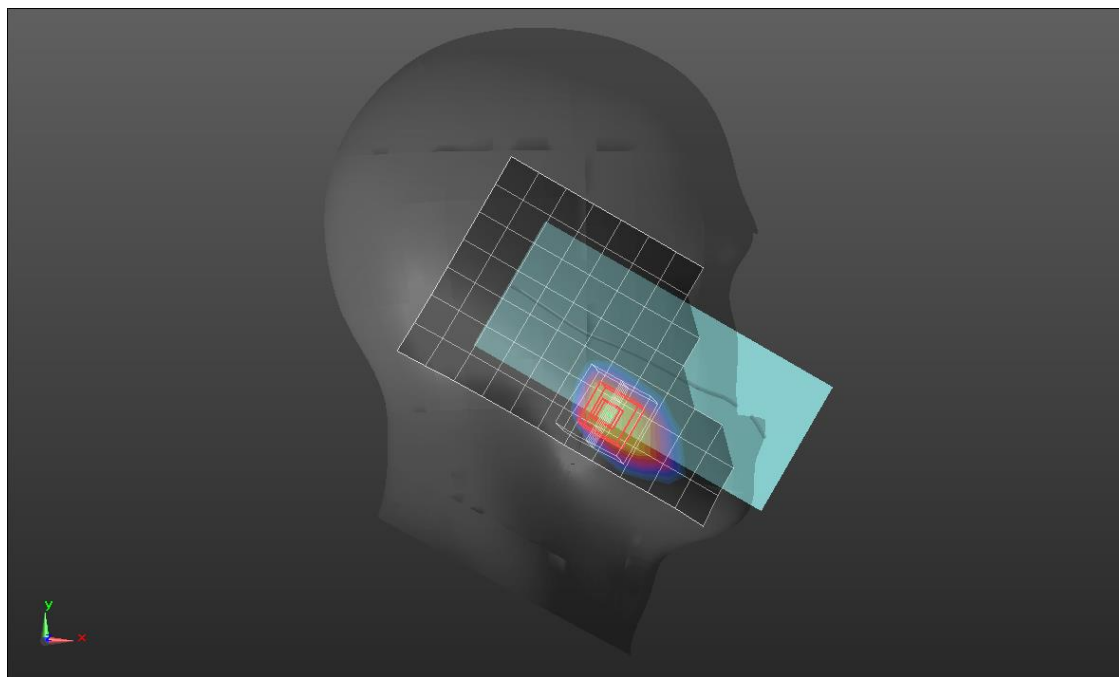
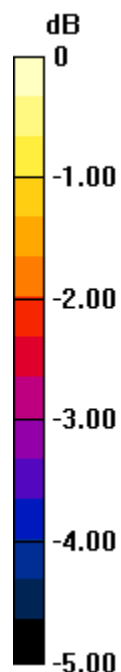
Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.038 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 0.0842 W/kg



0 dB = 0.0842 W/kg = -10.75 dBW/kg

GSM 1900

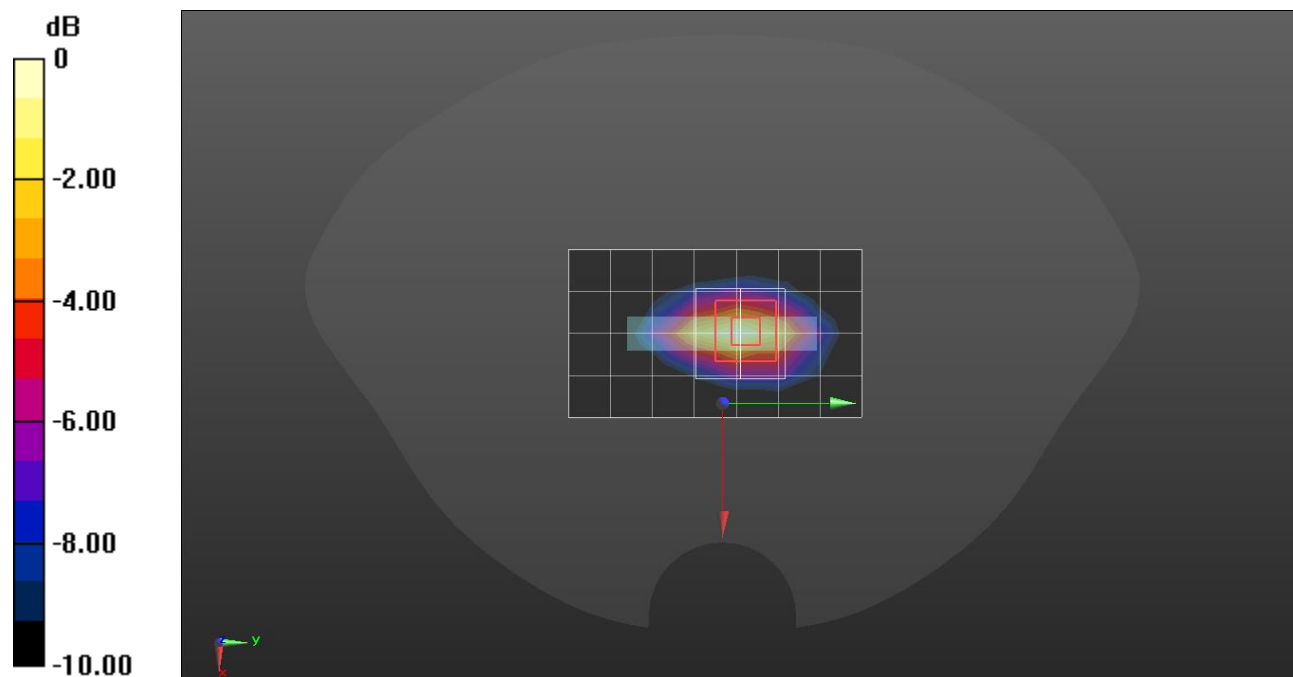
Frequency: 1909.8 MHz; Communication System Channel Number: 810; Duty Cycle: 1:1.99986
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.441 \text{ S/m}$; $\epsilon_r = 39.24$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1909.8 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bottom/GPRS 4 slot ch.810/Area Scan (8x5x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.23 W/kg

Bottom/GPRS 4 slot ch.810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.84 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.410 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 55.6%
 Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

WCDMA Band II

Frequency: 1880 MHz; Communication System Channel Number: 9400; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 39.243$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1880 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch Rel.99 ch.9400/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.200 W/kg

RHS/Touch Rel.99 ch.9400/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.11 V/m; Power Drift = 0.15 dB

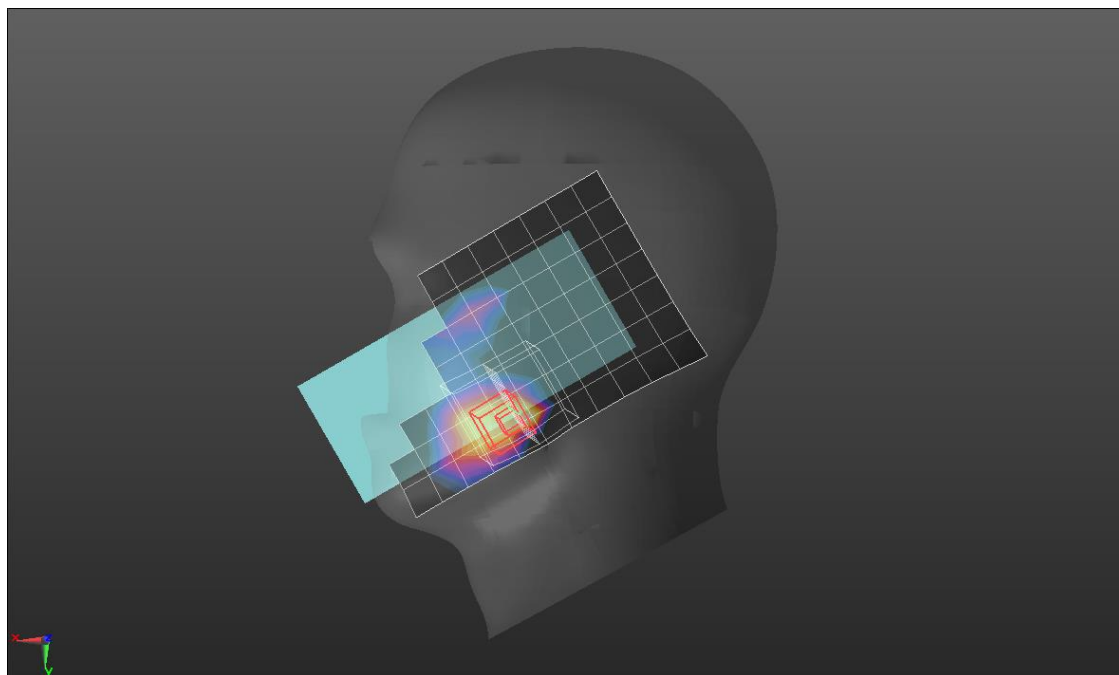
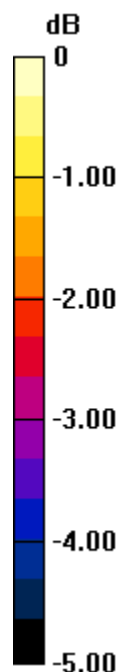
Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below = 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

WCDMA Band II

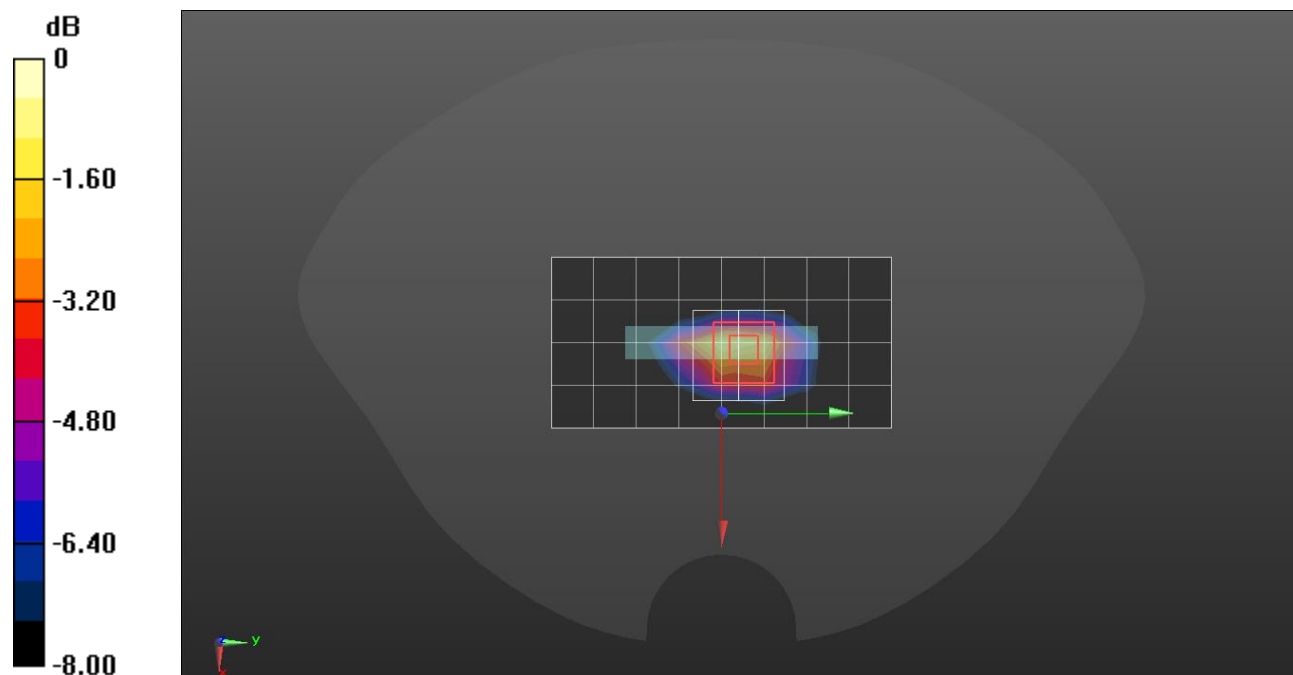
Frequency: 1907.6 MHz; Communication System Channel Number: 9538; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 39.241$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1907.6 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bottom/Rel.99 ch.9538/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.22 W/kg

Bottom/Rel.99 ch.9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.91 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.514 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 55.6%
 Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

W-CDMA Band IV

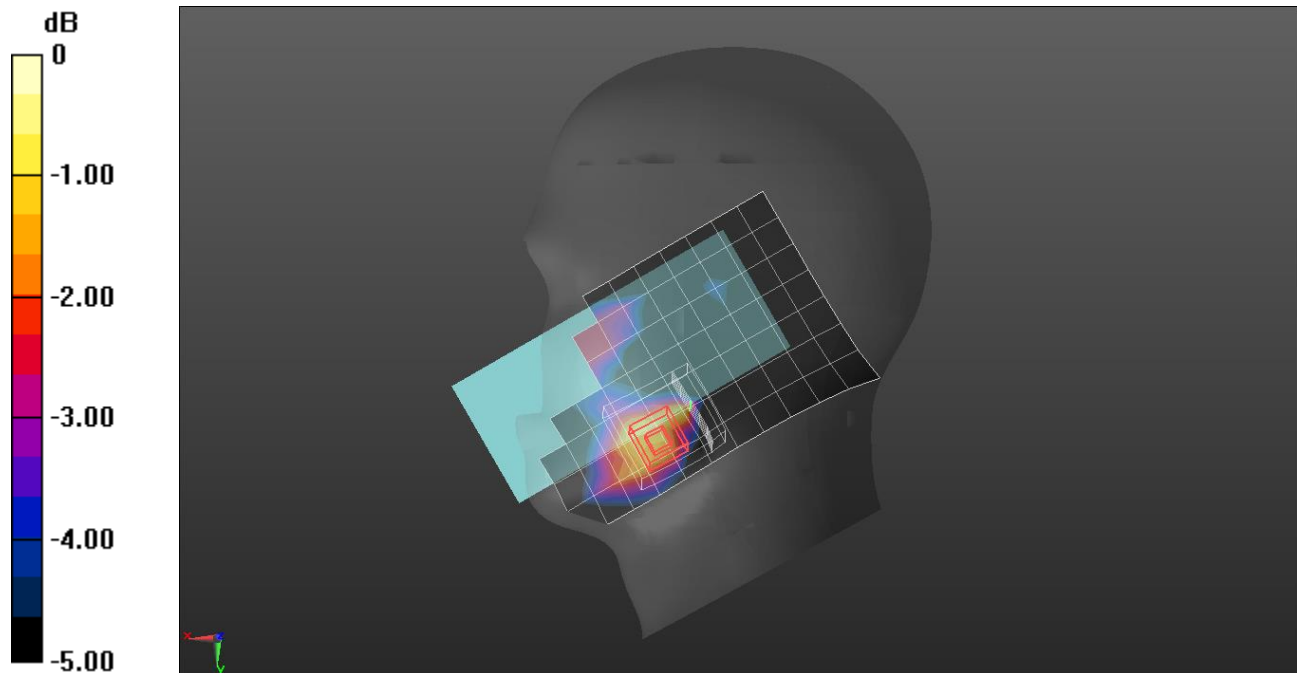
Frequency: 1732.6 MHz; Communication System Channel Number: 1413; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 39.609$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.54, 8.54, 8.54) @ 1732.6 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Right Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

RHS/Touch Rel.99 ch.1413/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.118 W/kg

RHS/Touch Rel.99 ch.1413/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.949 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.068 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.3 mm
 Ratio of SAR at M2 to SAR at M1 = 54.2%
 Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

W-CDMA Band IV

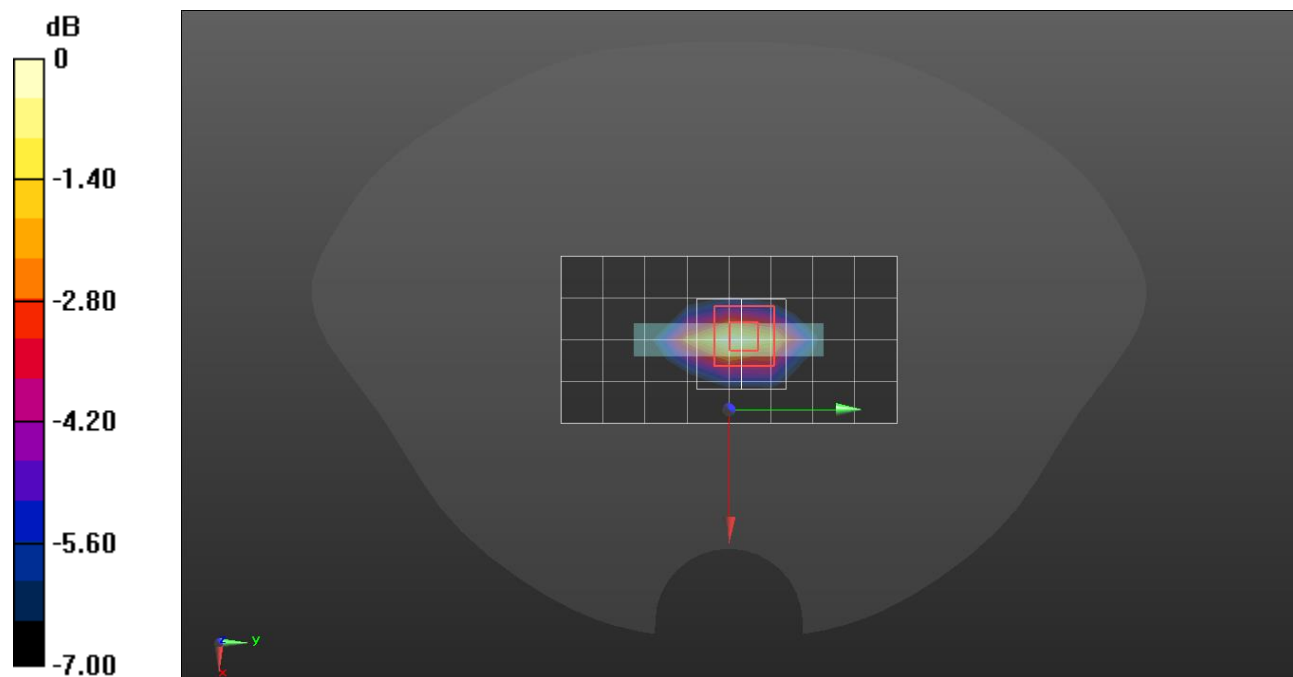
Frequency: 1752.6 MHz; Communication System Channel Number: 1513; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 39.535$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.54, 8.54, 8.54) @ 1752.6 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bottom/Rel.99 ch.1513/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.20 W/kg

Bottom/Rel.99 ch.1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 27.29 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.436 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 58.2%
 Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Measurement Report for SM-F956B, REAR, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 5 | WCDMA, 10011-CAC | 836.6 | 8.99 | 0.918 | 40.5 |

Hardware Setup

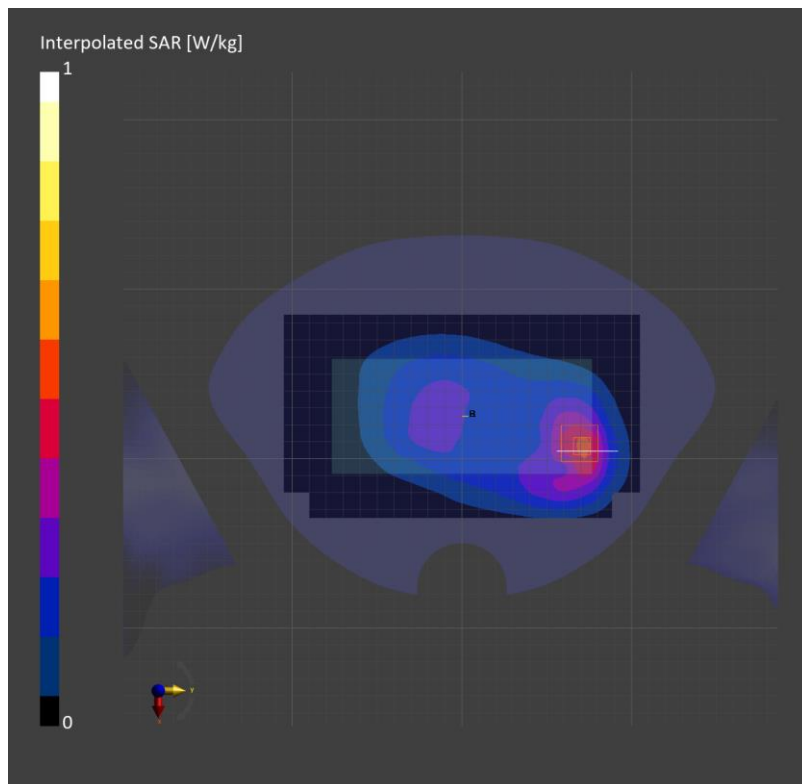
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7376, 2023-07-25 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 120.0 x 210.0 | 32.0 x 32.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.452 | 0.446 |
| psSAR10g [W/Kg] | 0.293 | 0.269 |
| Power Drift [dB] | | -0.01 |
| M2/M1 [%] | | 83.7 |
| Dist 3dB Peak [mm] | | 13.7 |



Measurement Report for SM-F956B, EDGE RIGHT, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 5 | WCDMA, 10011-CAC | 836.6 | 8.99 | 0.918 | 40.5 |

Hardware Setup

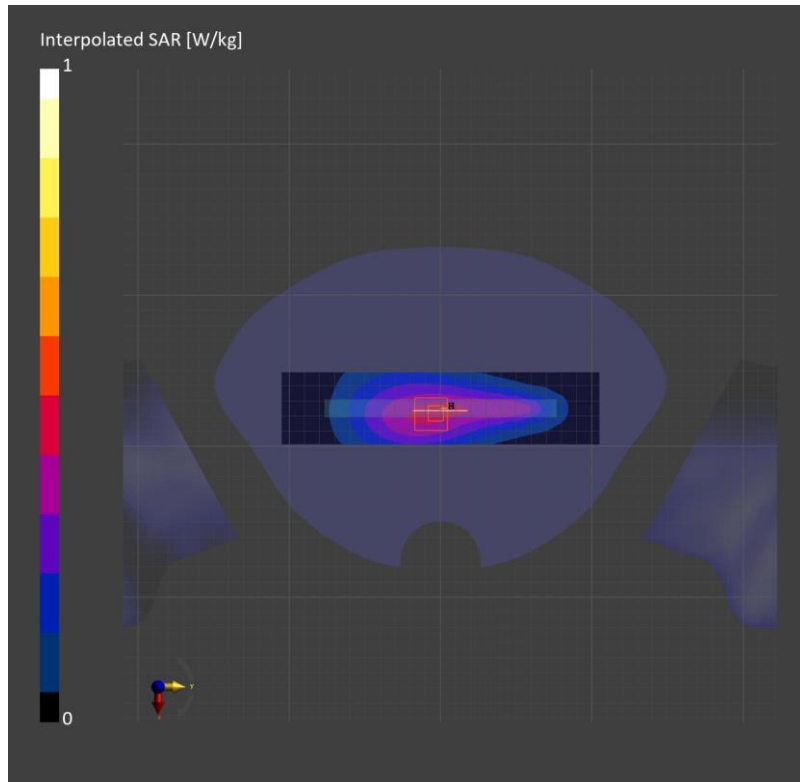
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7376, 2023-07-25 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.397 | 0.407 |
| psSAR10g [W/Kg] | 0.269 | 0.285 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 89.9 |
| Dist 3dB Peak [mm] | | 19.2 |



Measurement Report for SM-F956B, CHEEK, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 5 | WCDMA, 10011-CAC | 836.6 | 9.31 | 0.937 | 40.5 |

Hardware Setup

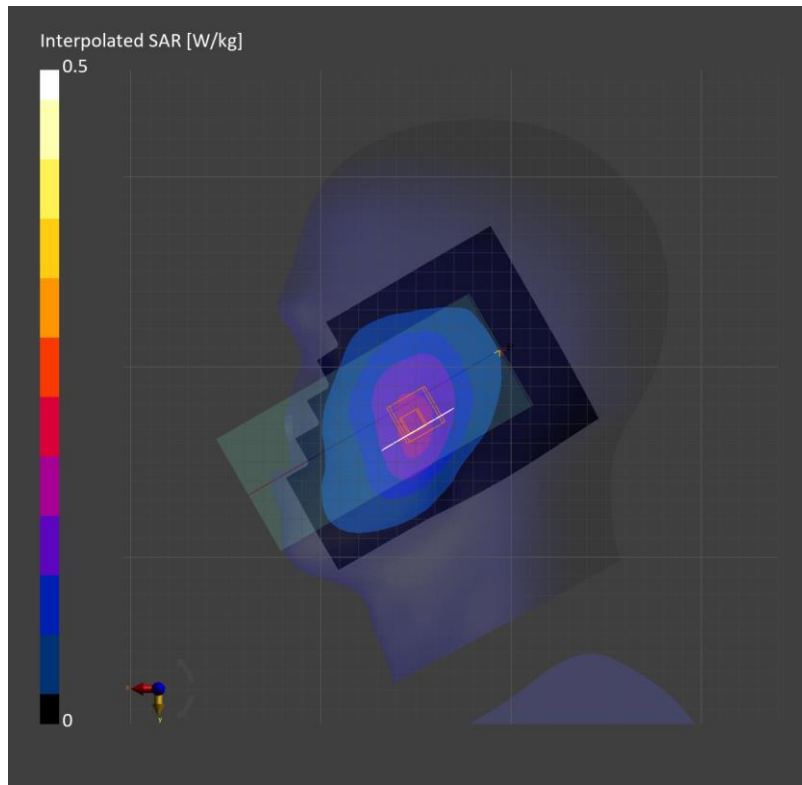
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.163 | 0.180 |
| psSAR10g [W/Kg] | 0.112 | 0.139 |
| Power Drift [dB] | | -0.16 |
| M2/M1 [%] | | 95.2 |
| Dist 3dB Peak [mm] | | 24.3 |



Measurement Report for SM-F956B, CHEEK, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band 5 | WCDMA, 10011-CAC | 836.6 | 9.31 | 0.937 | 40.5 |

Hardware Setup

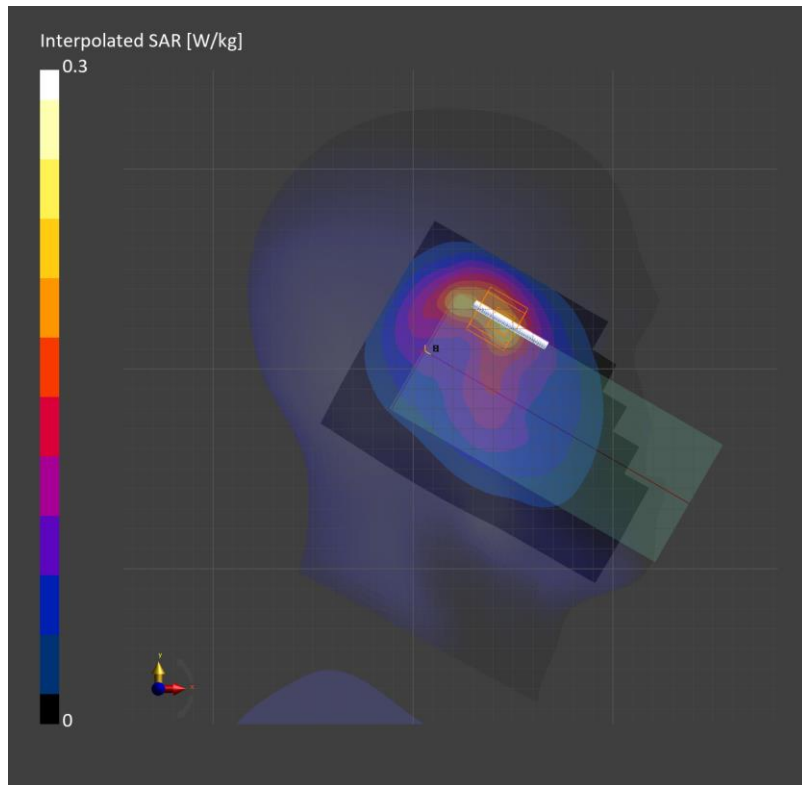
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.189 | 0.202 |
| psSAR10g [W/Kg] | 0.121 | 0.126 |
| Power Drift [dB] | -0.13 | |
| M2/M1 [%] | 84.6 | |
| Dist 3dB Peak [mm] | 13.5 | |



Measurement Report for SM-F956B, REAR, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 5 | WCDMA, 10011-CAC | 836.6 | 9.31 | 0.937 | 40.5 |

Hardware Setup

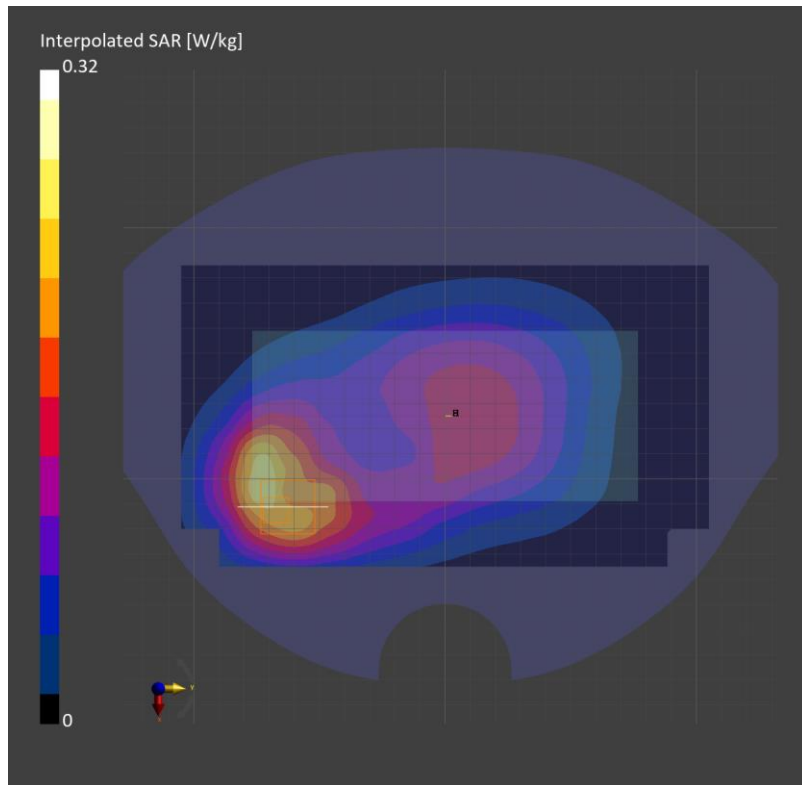
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.224 | 0.236 |
| psSAR10g [W/Kg] | 0.148 | 0.139 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 78.6 |
| Dist 3dB Peak [mm] | | 14.0 |



Measurement Report for SM-F956B, EDGE RIGHT, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 5 | LTE-FDD, 10175-CAH | 836.5 | 9.31 | 0.937 | 40.5 |

Hardware Setup

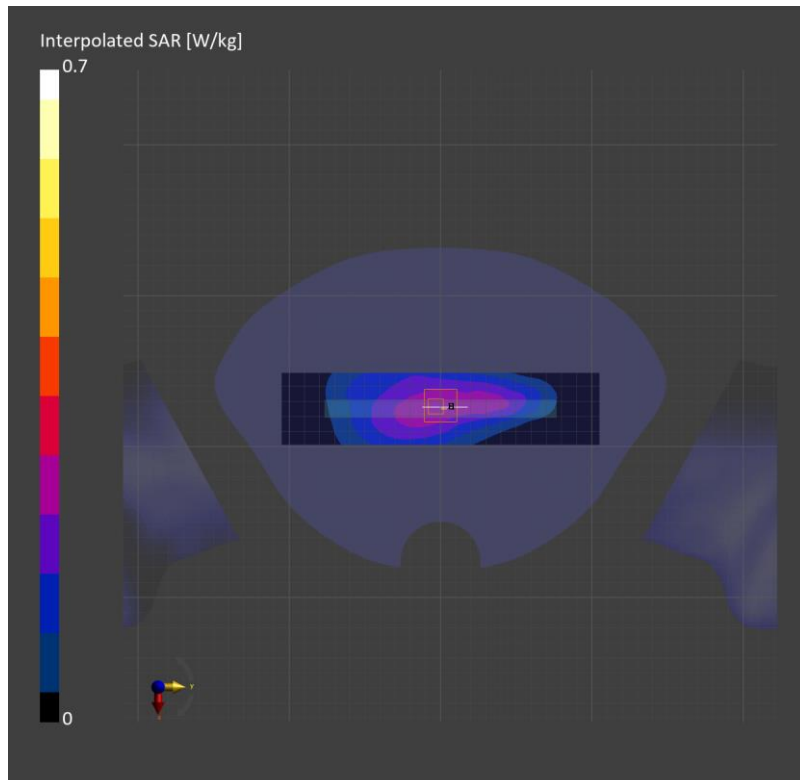
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.252 | 0.321 |
| psSAR10g [W/Kg] | 0.170 | 0.219 |
| Power Drift [dB] | | -0.01 |
| M2/M1 [%] | | 88.3 |
| Dist 3dB Peak [mm] | | 19.6 |



Measurement Report for SM-F956B, CHEEK, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 5 | LTE-FDD, 10175-CAH | 836.5 | 9.31 | 0.937 | 40.5 |

Hardware Setup

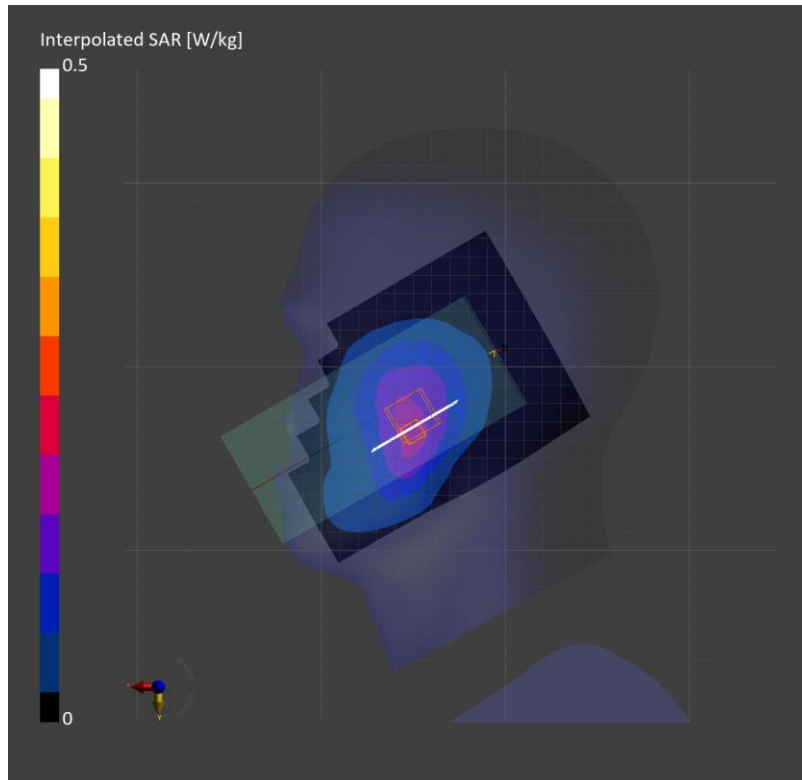
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.161 | 0.173 |
| psSAR10g [W/Kg] | 0.110 | 0.132 |
| Power Drift [dB] | | -0.15 |
| M2/M1 [%] | | 92.1 |
| Dist 3dB Peak [mm] | | 19.1 |



Measurement Report for SM-F956B, REAR, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 5 | LTE-FDD, 10175-CAH | 836.5 | 9.31 | 0.937 | 40.5 |

Hardware Setup

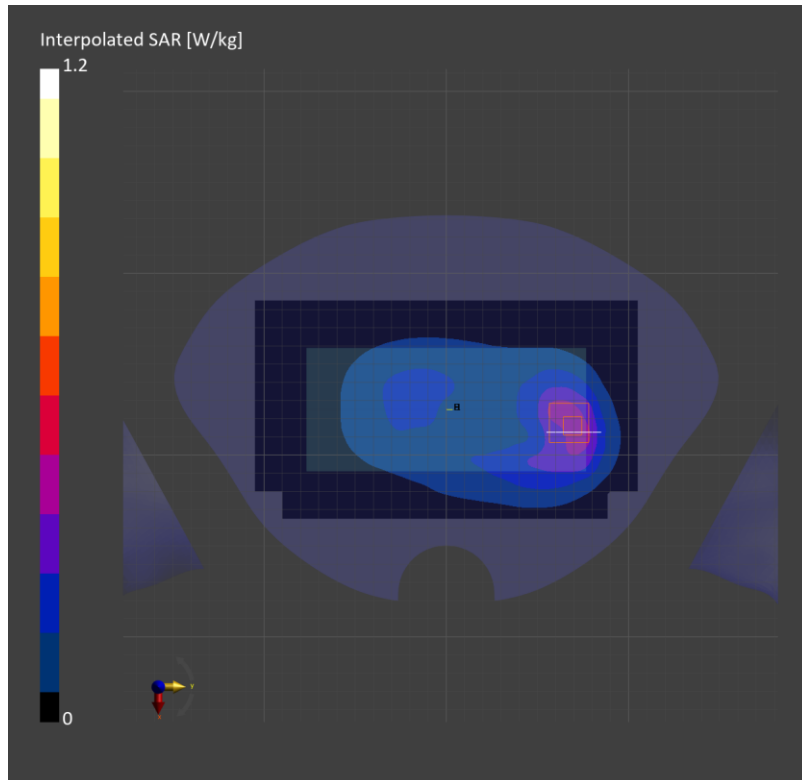
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.406 | 0.440 |
| psSAR10g [W/Kg] | 0.269 | 0.252 |
| Power Drift [dB] | | 0.18 |
| M2/M1 [%] | | 84.9 |
| Dist 3dB Peak [mm] | | 13.0 |



Measurement Report for SM-F956B, CHEEK, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band 5 | LTE-FDD, 10175-CAH | 836.5 | 9.31 | 0.937 | 40.5 |

Hardware Setup

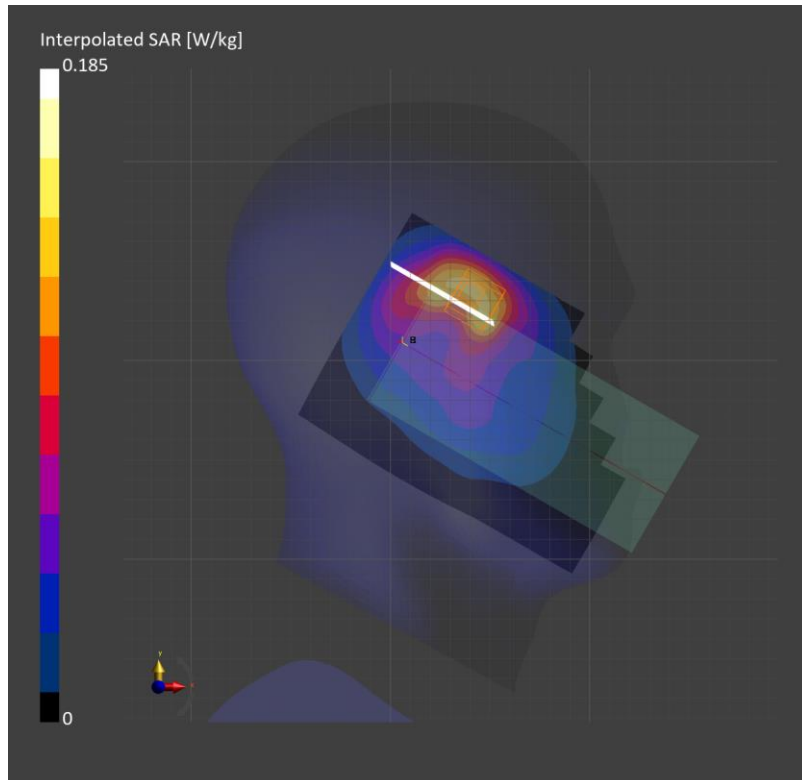
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.124 | 0.135 |
| psSAR10g [W/Kg] | 0.083 | 0.085 |
| Power Drift [dB] | | 0.04 |
| M2/M1 [%] | | 81.1 |
| Dist 3dB Peak [mm] | | 10.8 |



Measurement Report for SM-F956B, EDGE RIGHT, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20525 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|--------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 5 | LTE-FDD, 10175-CAH | 836.5 | 9.31 | 0.937 | 40.5 |

Hardware Setup

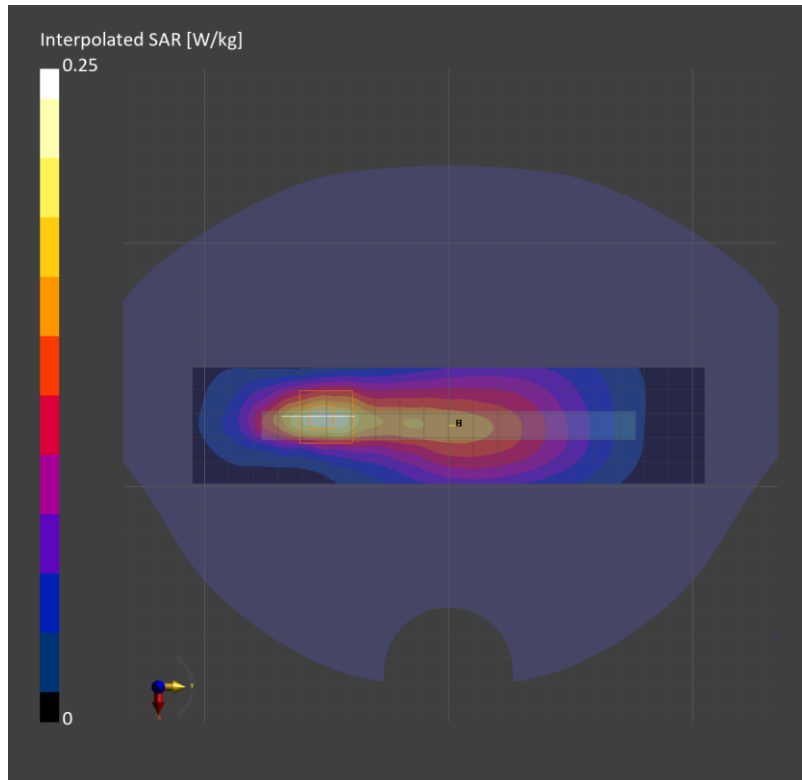
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.188 | 0.204 |
| psSAR10g [W/Kg] | 0.114 | 0.115 |
| Power Drift [dB] | 0.17 | |
| M2/M1 [%] | 80.1 | |
| Dist 3dB Peak [mm] | 9.6 | |



Measurement Report for SM-F956B, EDGE RIGHT, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 12 | LTE-FDD, 10175-CAH | 707.5 | 9.6 | 0.894 | 40.8 |

Hardware Setup

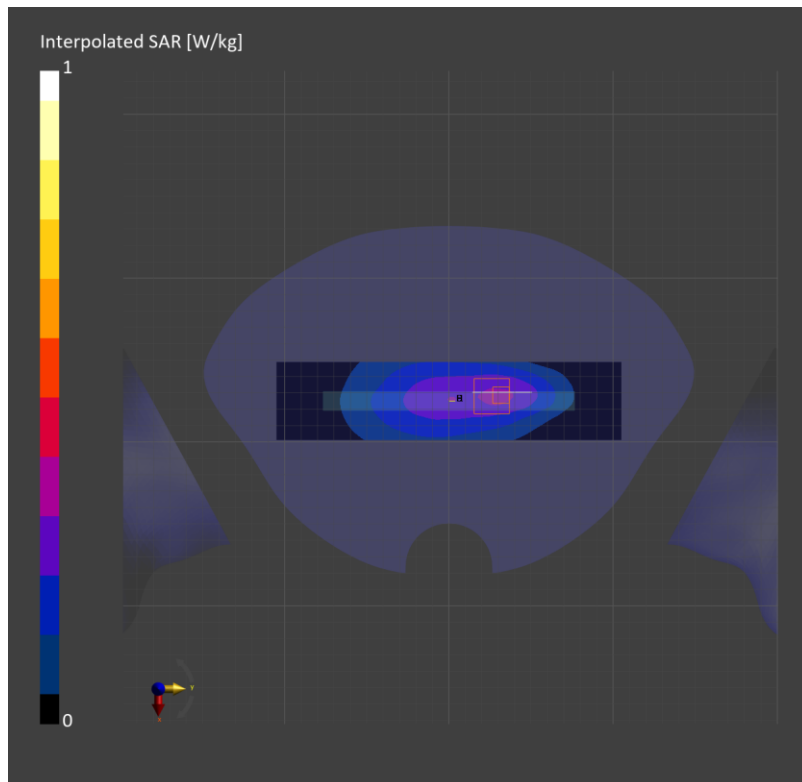
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.309 | 0.317 |
| psSAR10g [W/Kg] | 0.207 | 0.214 |
| Power Drift [dB] | 0.08 | |
| M2/M1 [%] | 83.9 | |
| Dist 3dB Peak [mm] | 14.6 | |



Measurement Report for SM-F956B, CHEEK, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 12 | LTE-FDD, 10175-CAH | 707.5 | 9.6 | 0.894 | 40.8 |

Hardware Setup

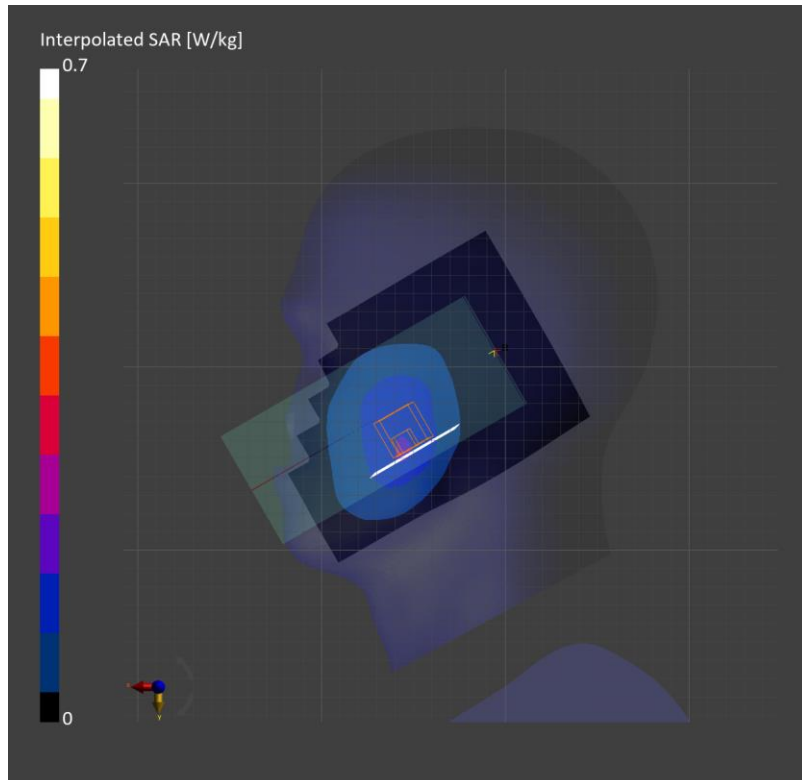
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.157 | 0.171 |
| psSAR10g [W/Kg] | 0.109 | 0.130 |
| Power Drift [dB] | 0.07 | |
| M2/M1 [%] | 83.4 | |
| Dist 3dB Peak [mm] | 16.7 | |



Measurement Report for SM-F956B, REAR, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 12 | LTE-FDD, 10175-CAH | 707.5 | 9.6 | 0.894 | 40.8 |

Hardware Setup

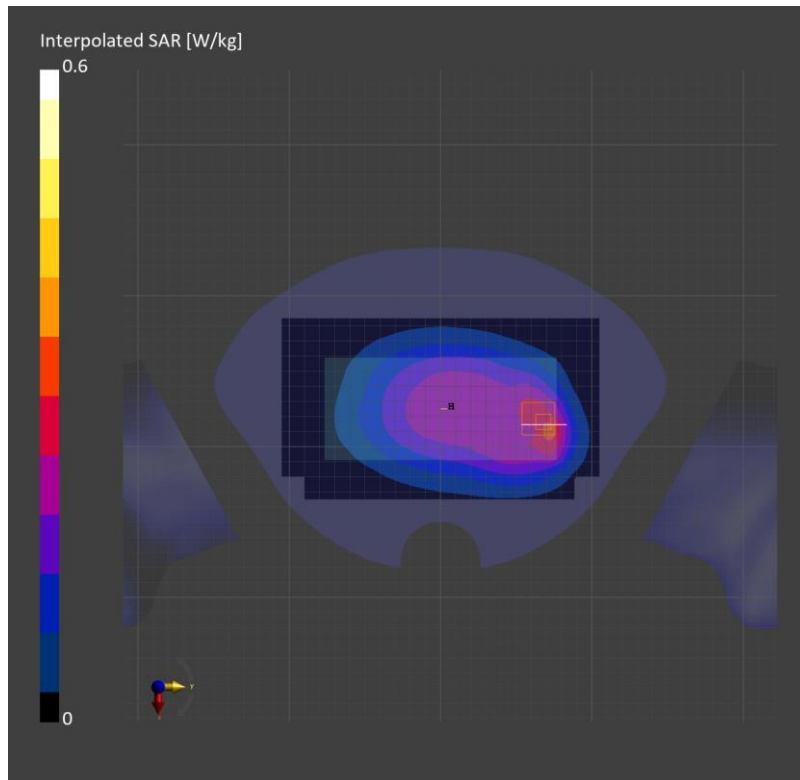
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.270 | 0.286 |
| psSAR10g [W/Kg] | 0.181 | 0.170 |
| Power Drift [dB] | 0.04 | |
| M2/M1 [%] | 80.3 | |
| Dist 3dB Peak [mm] | 14.0 | |



Measurement Report for SM-F956B, CHEEK, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band 12 | LTE-FDD, 10175-CAH | 707.5 | 9.64 | 0.862 | 42.2 |

Hardware Setup

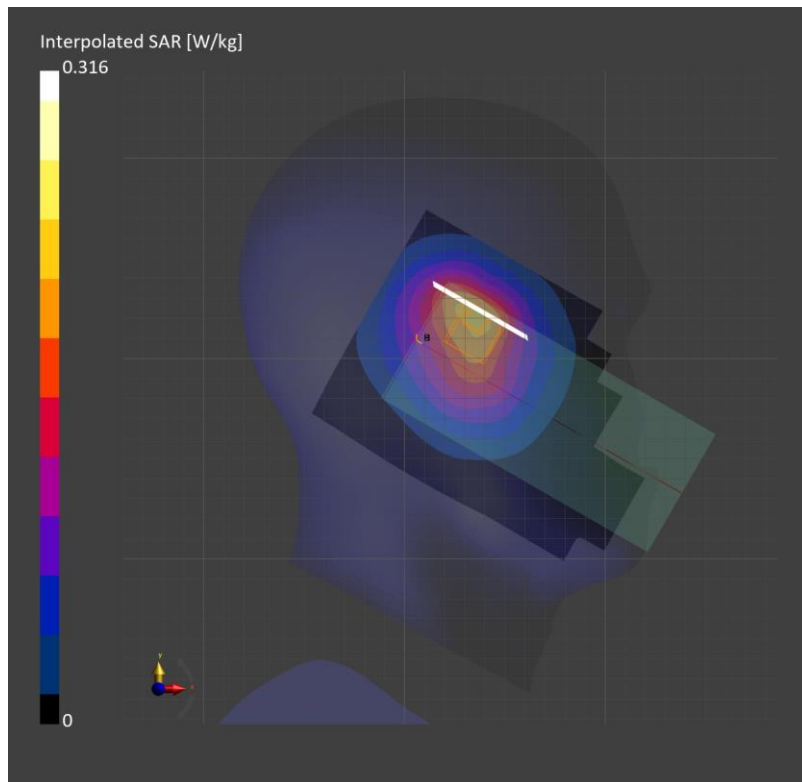
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.194 | 0.198 |
| psSAR10g [W/Kg] | 0.134 | 0.143 |
| Power Drift [dB] | -0.07 | |
| M2/M1 [%] | 82.6 | |
| Dist 3dB Peak [mm] | 10.8 | |



Measurement Report for SM-F956B, EDGE RIGHT, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 12 | LTE-FDD, 10175-CAH | 707.5 | 9.64 | 0.862 | 42.2 |

Hardware Setup

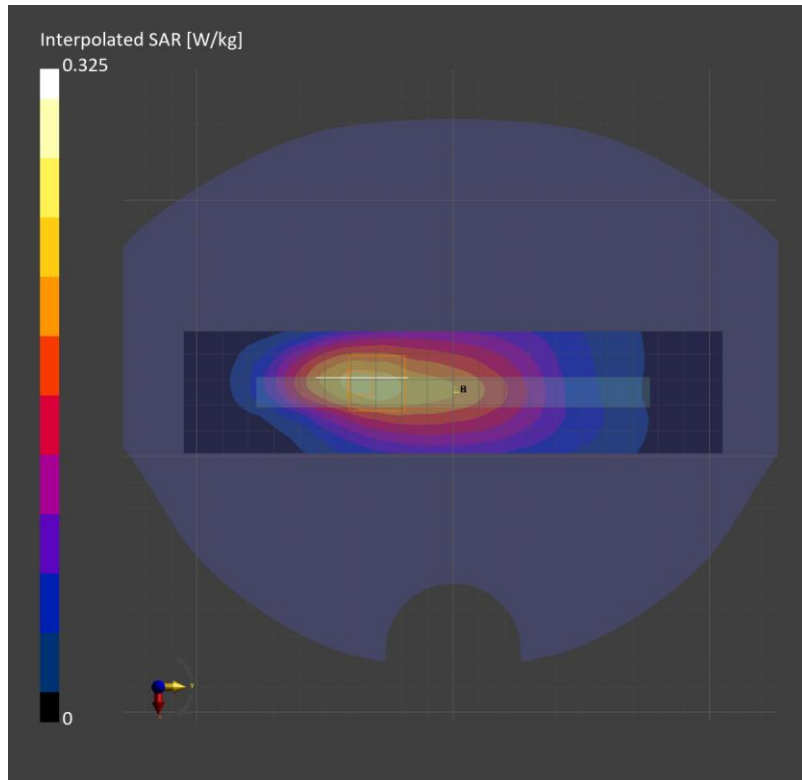
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.230 | 0.238 |
| psSAR10g [W/Kg] | 0.153 | 0.156 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 84.1 |
| Dist 3dB Peak [mm] | | 13.3 |



Measurement Report for SM-F956B, CHEEK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 13 | LTE-FDD, 10175-CAH | 782.0 | 9.6 | 0.919 | 40.6 |

Hardware Setup

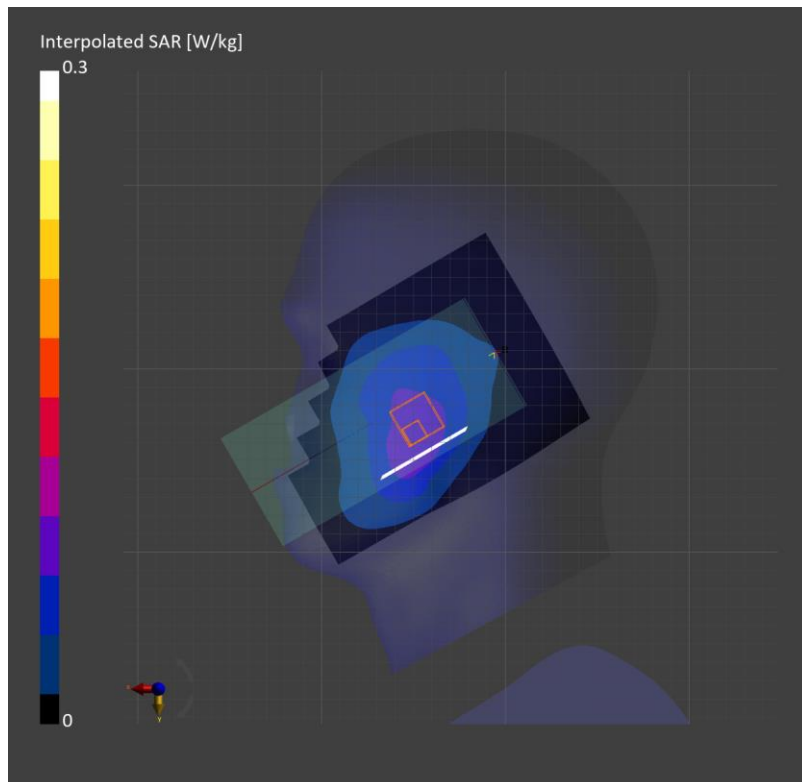
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.086 | 0.084 |
| psSAR10g [W/Kg] | 0.059 | 0.065 |
| Power Drift [dB] | | 0.03 |
| M2/M1 [%] | | 91.3 |
| Dist 3dB Peak [mm] | | 16.6 |



Measurement Report for SM-F956B, REAR, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 13 | LTE-FDD, 10175-CAH | 782.0 | 9.64 | 0.892 | 40.5 |

Hardware Setup

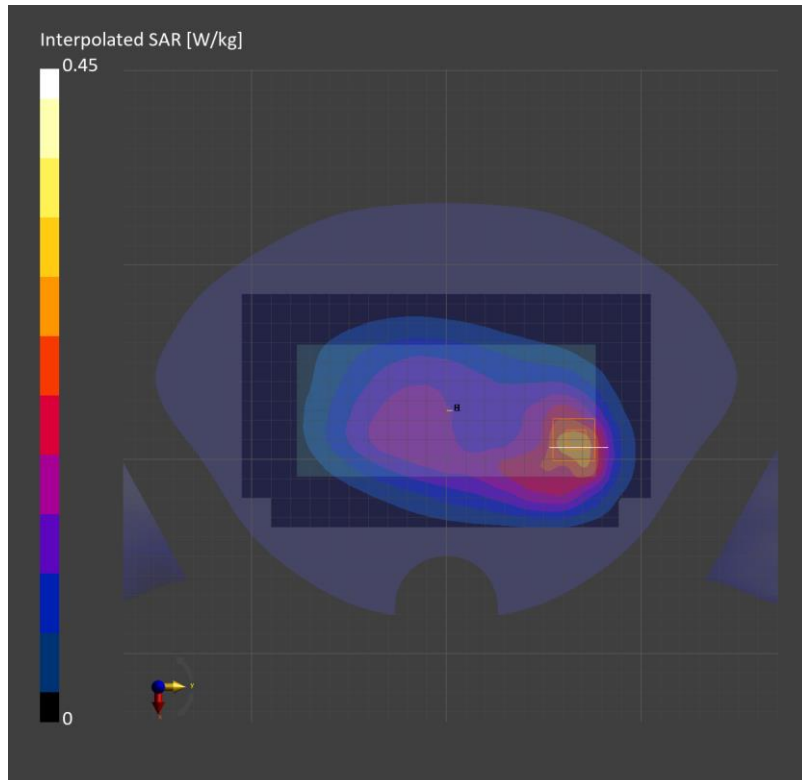
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.250 | 0.250 |
| psSAR10g [W/Kg] | 0.168 | 0.144 |
| Power Drift [dB] | | -0.05 |
| M2/M1 [%] | | 82.6 |
| Dist 3dB Peak [mm] | | 13.6 |



Measurement Report for SM-F956B, EDGE RIGHT, Band 13, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 13 | LTE-FDD, 10154-CAH | 782.0 | 9.6 | 0.919 | 40.6 |

Hardware Setup

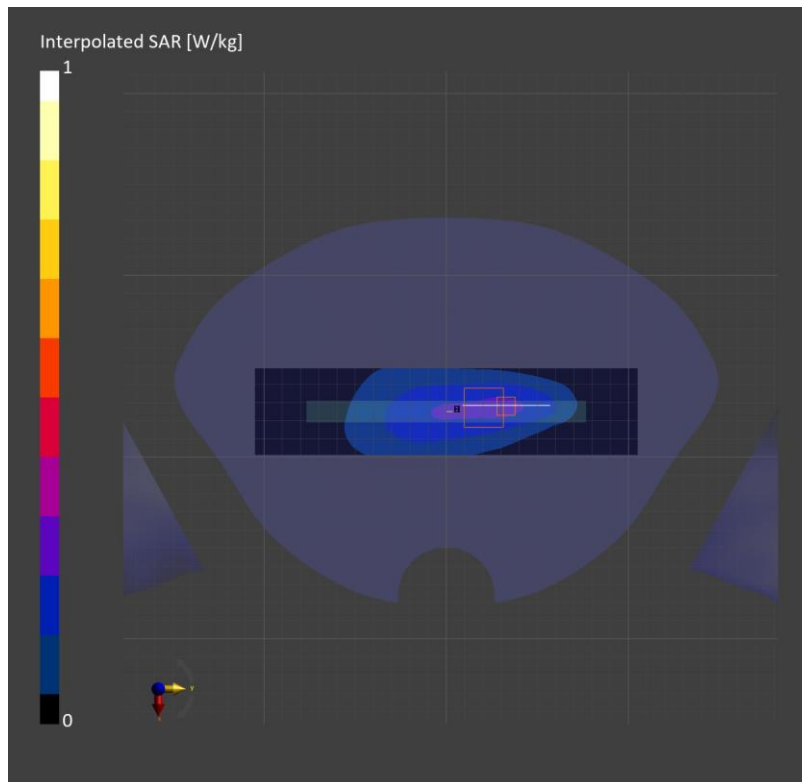
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.240 | 0.252 |
| psSAR10g [W/Kg] | 0.157 | 0.161 |
| Power Drift [dB] | 0.01 | |
| M2/M1 [%] | 84.2 | |
| Dist 3dB Peak [mm] | 12.0 | |



Measurement Report for SM-F956B, CHEEK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 23230 (782.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band 13 | LTE-FDD, 10175-CAH | 782.0 | 7.92 | 0.890 | 41.3 |

Hardware Setup

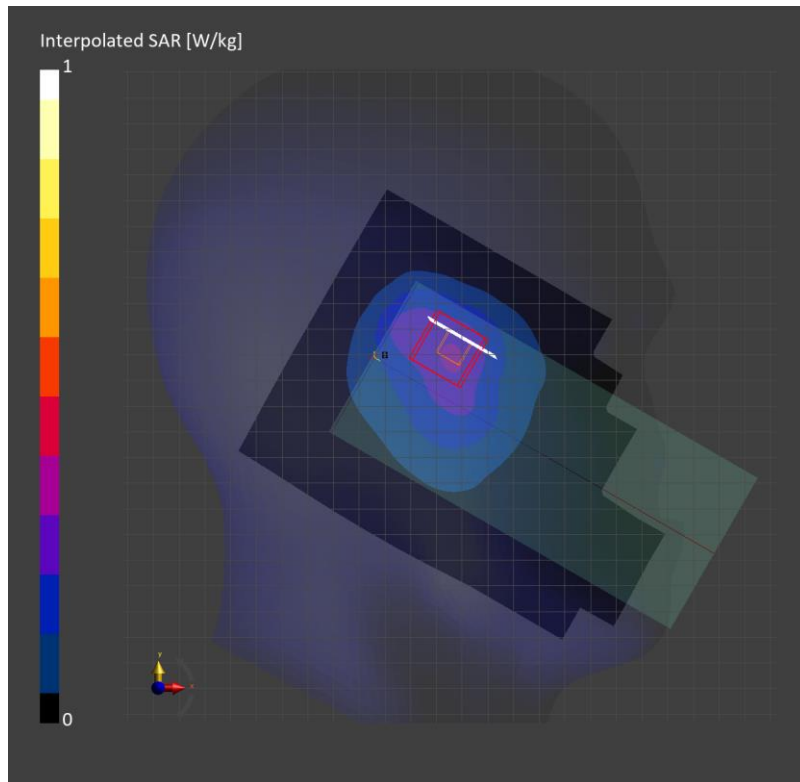
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.298 | 0.311 |
| psSAR10g [W/Kg] | 0.200 | 0.205 |
| Power Drift [dB] | | -0.06 |
| M2/M1 [%] | | 84.6 |
| Dist 3dB Peak [mm] | | 11.4 |



Measurement Report for SM-F956B, REAR, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 23230 (782.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 13 | LTE-FDD, 10175-CAH | 782.0 | 9.6 | 0.919 | 40.6 |

Hardware Setup

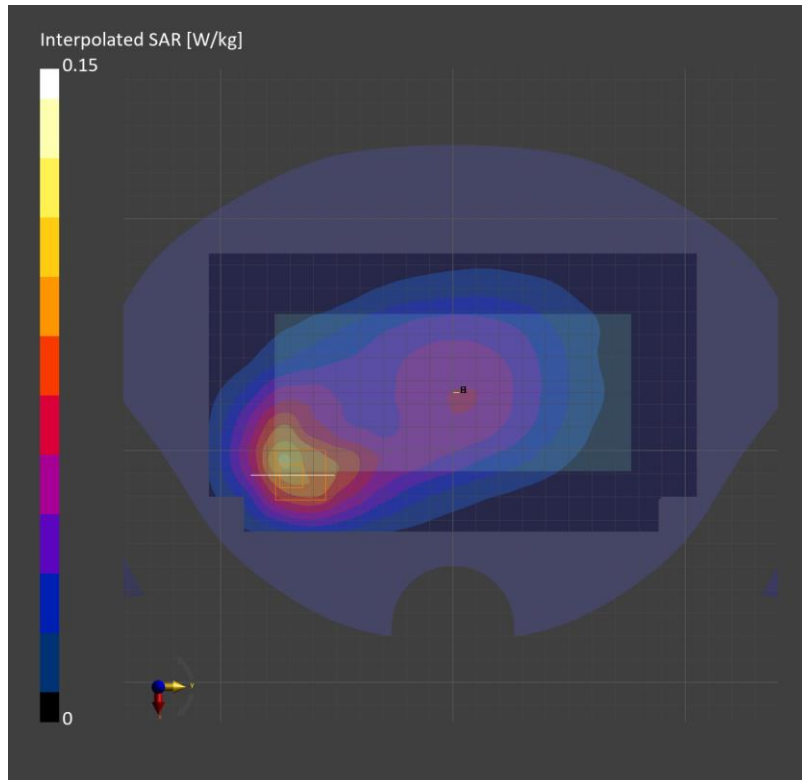
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.098 | 0.100 |
| psSAR10g [W/Kg] | 0.065 | 0.059 |
| Power Drift [dB] | | -0.12 |
| M2/M1 [%] | | 80.0 |
| Dist 3dB Peak [mm] | | 12.4 |



LTE Band 25

Frequency: 1860 MHz; Communication System Channel Number: 26140; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.266$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1860 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS Touch/QPSK 1/0 ch.26140/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.207 W/kg

LHS Touch/QPSK 1/0 ch.26140/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.44 V/m; Power Drift = 0.01 dB

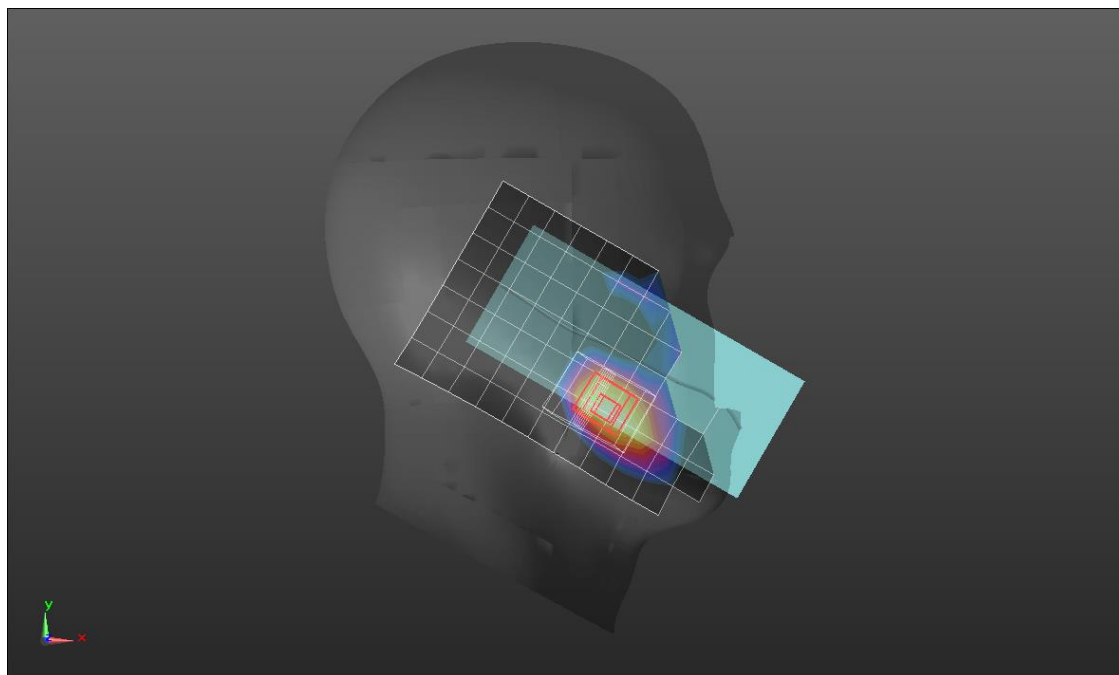
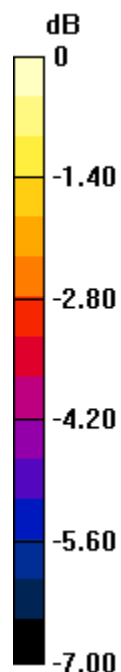
Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.093 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

LTE Band 25

Frequency: 1905 MHz; Communication System Channel Number: 26590; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 39.241$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.17, 8.17, 8.17) @ 1905 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bottom/QPSK RB 50/24 ch.26590/Area Scan (9x5x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.27 W/kg

Bottom/QPSK RB 50/24 ch.26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.28 V/m; Power Drift = 0.07 dB

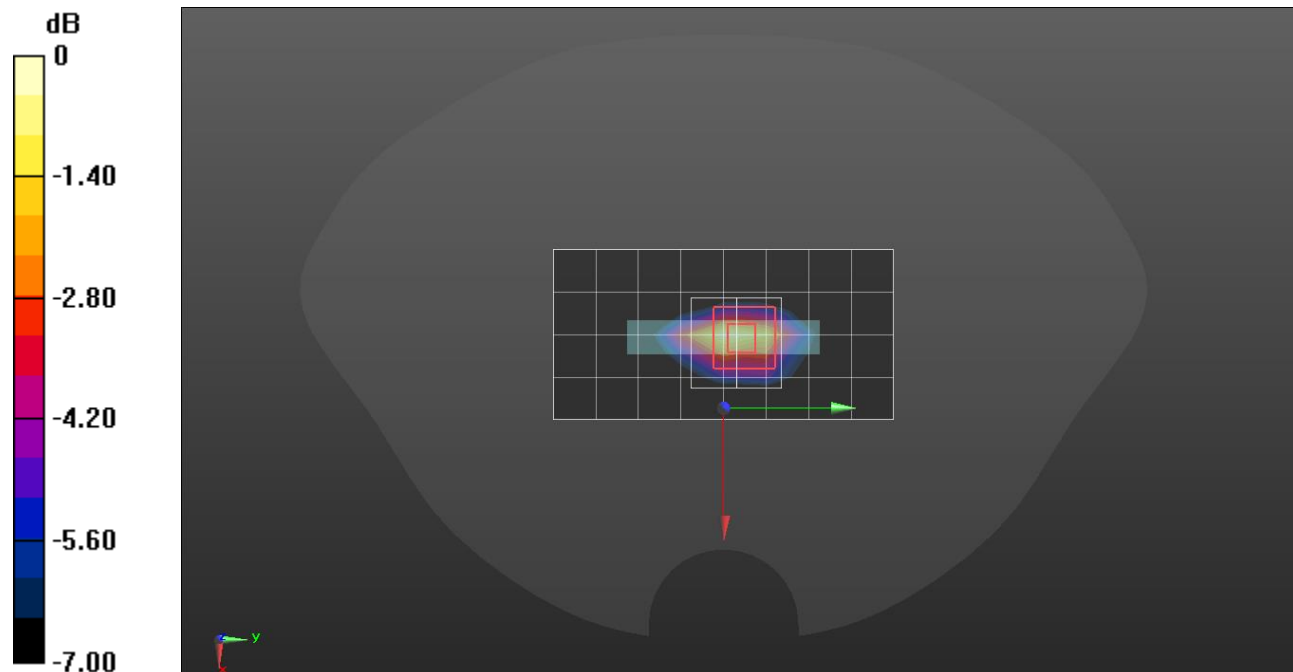
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.461 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Measurement Report for SM-F956B, TILT, Band 25, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26365 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | Band 25 | LTE-FDD, 10297-AAE | 1882.5 | 8.31 | 1.41 | 39.4 |

Hardware Setup

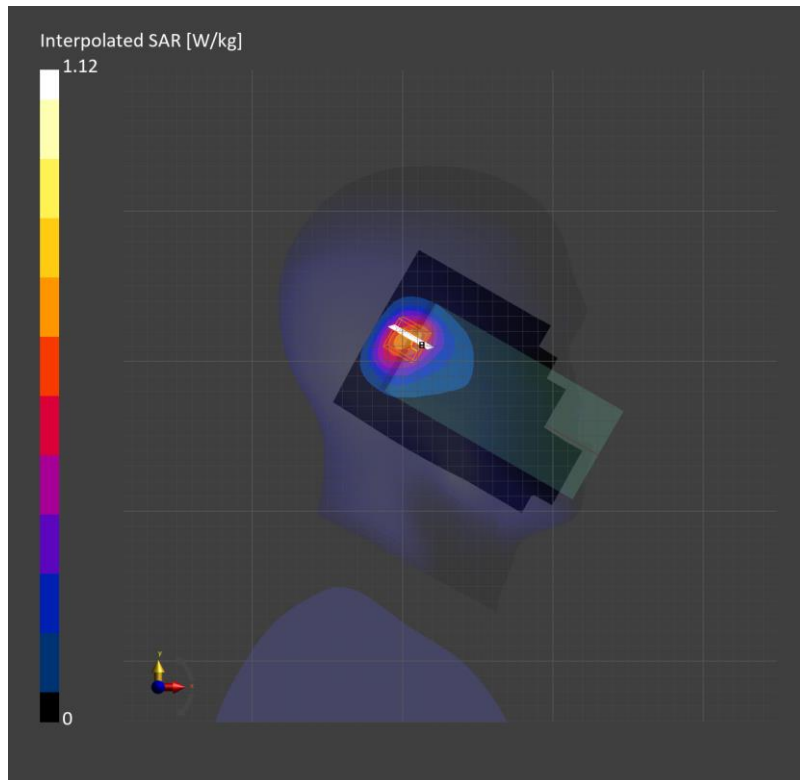
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.586 | 0.697 |
| psSAR10g [W/Kg] | 0.344 | 0.391 |
| Power Drift [dB] | | 0.01 |
| M2/M1 [%] | | 89.7 |
| Dist 3dB Peak [mm] | | 10.8 |



Measurement Report for SM-F956B, EDGE TOP, Band 25, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26365 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band 25 | LTE-FDD, 10297-AAE | 1882.5 | 8.31 | 1.41 | 39.4 |

Hardware Setup

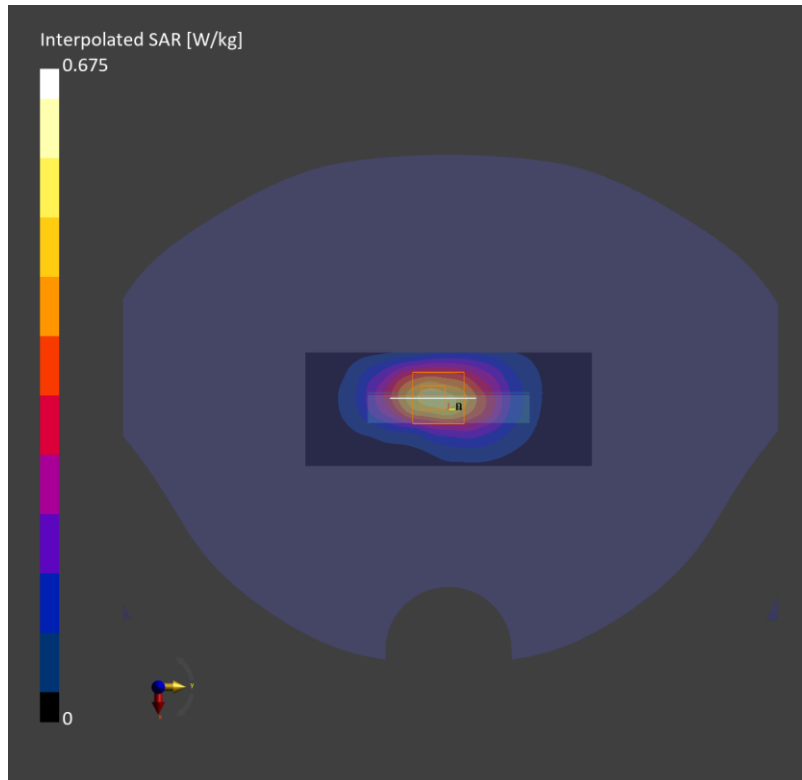
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.446 | 0.499 |
| psSAR10g [W/Kg] | 0.249 | 0.275 |
| Power Drift [dB] | | 0.01 |
| M2/M1 [%] | | 85.6 |
| Dist 3dB Peak [mm] | | 9.7 |



Measurement Report for SM-F956B, REAR, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26865 (831.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 26 | LTE-FDD, 10181-CAF | 831.5 | 9.31 | 0.935 | 40.5 |

Hardware Setup

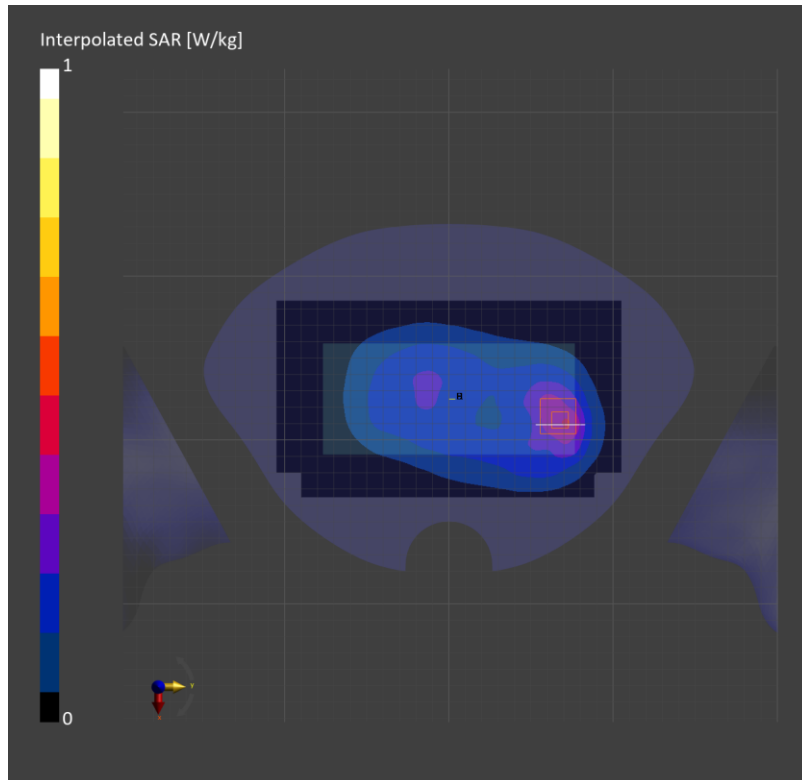
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.362 | 0.383 |
| psSAR10g [W/Kg] | 0.237 | 0.226 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 79.2 |
| Dist 3dB Peak [mm] | | 11.1 |



Measurement Report for SM-F956B, EDGE RIGHT, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26865 (831.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band 26 | LTE-FDD, 10181-CAF | 831.5 | 9.31 | 0.935 | 40.5 |

Hardware Setup

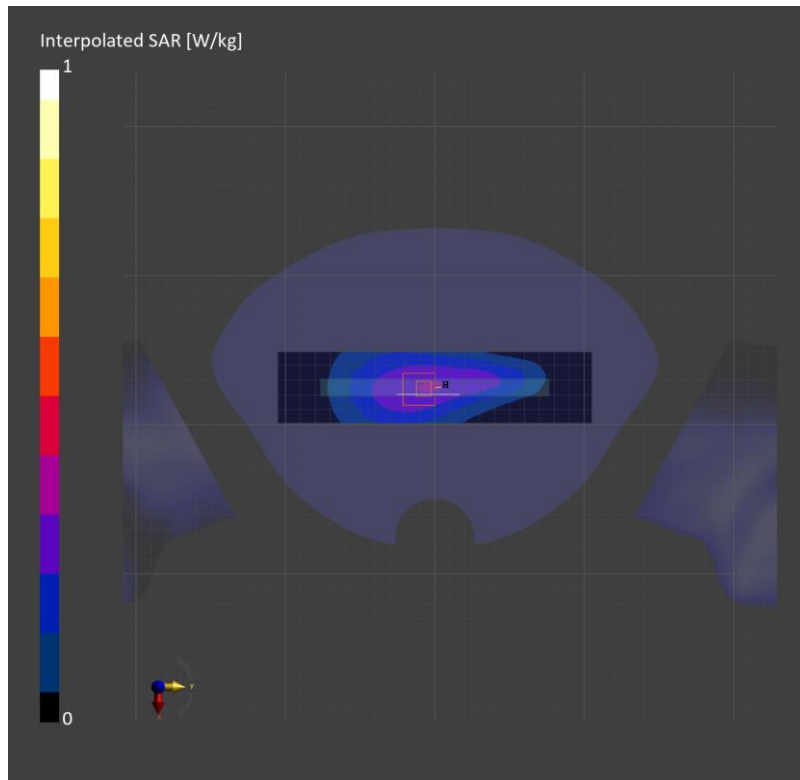
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.298 | 0.316 |
| psSAR10g [W/Kg] | 0.203 | 0.222 |
| Power Drift [dB] | | 0.08 |
| M2/M1 [%] | | 85.7 |
| Dist 3dB Peak [mm] | | 19.4 |



Measurement Report for SM-F956B, CHEEK, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26865 (831.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 26 | LTE-FDD, 10181-CAF | 831.5 | 9.31 | 0.902 | 41.0 |

Hardware Setup

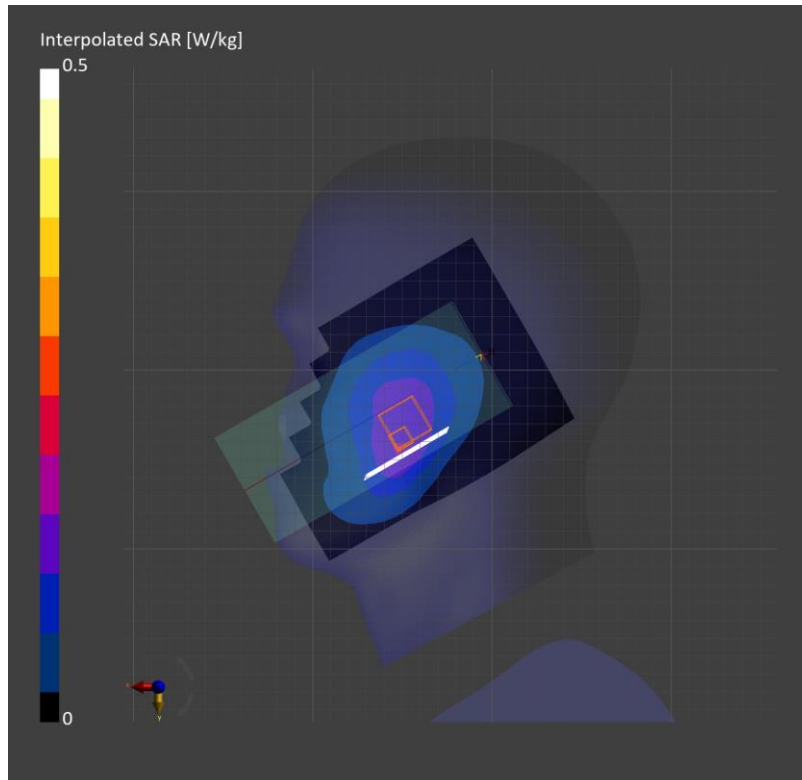
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.147 | 0.154 |
| psSAR10g [W/Kg] | 0.101 | 0.122 |
| Power Drift [dB] | | -0.08 |
| M2/M1 [%] | | 91.9 |
| Dist 3dB Peak [mm] | | 18.0 |



Measurement Report for SM-F956B, CHEEK, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26865 (831.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band 26 | LTE-FDD, 10181-CAF | 831.5 | 9.31 | 0.935 | 40.5 |

Hardware Setup

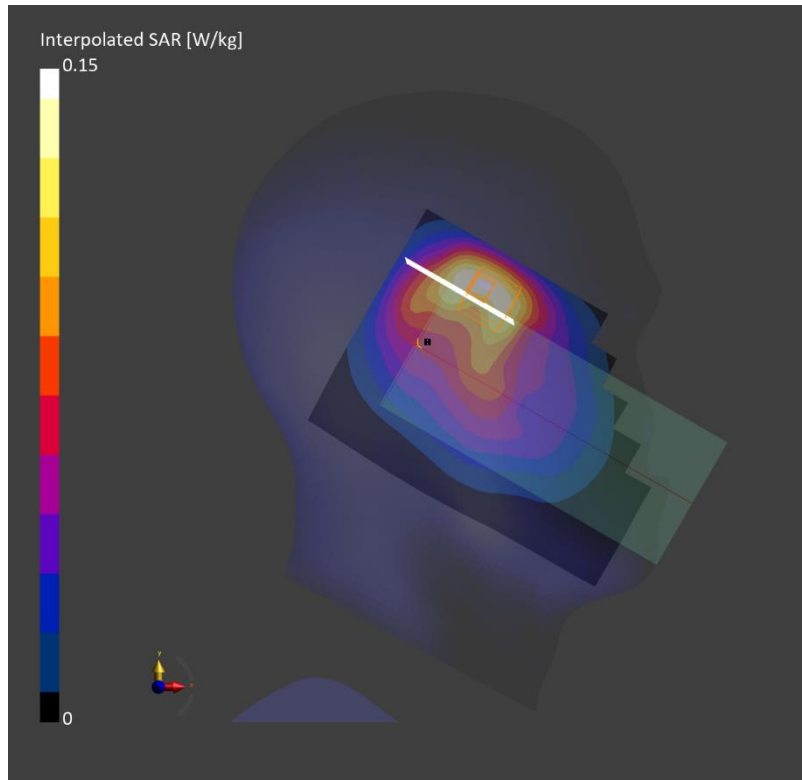
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.117 | 0.127 |
| psSAR10g [W/Kg] | 0.078 | 0.080 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 84.4 |
| Dist 3dB Peak [mm] | | 9.7 |



Measurement Report for SM-F956B, REAR, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26865 (831.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band 26 | LTE-FDD, 10181-CAF | 831.5 | 9.31 | 0.935 | 40.5 |

Hardware Setup

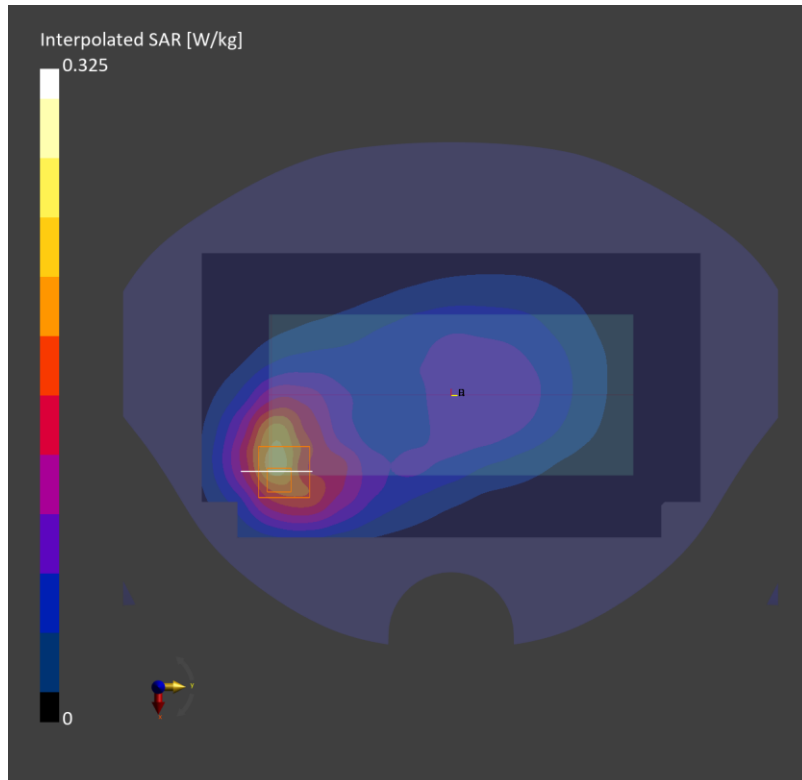
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.223 | 0.219 |
| psSAR10g [W/Kg] | 0.142 | 0.127 |
| Power Drift [dB] | | -0.11 |
| M2/M1 [%] | | 77.3 |
| Dist 3dB Peak [mm] | | 12.0 |



Measurement Report for SM-F956B, CHEEK, Band 41, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), Channel 39750 (2506.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band 41 | LTE-TDD, 10435-AAG | 2506.0 | 7.34 | 1.83 | 40.5 |

Hardware Setup

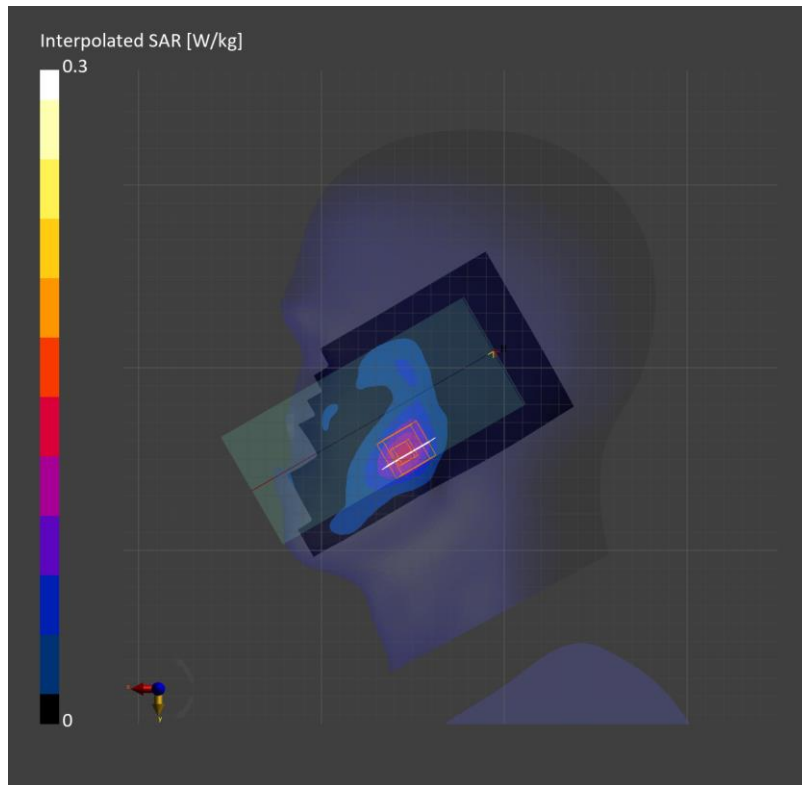
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN7811, 2023-05-03 | DAE4 Sn1675, 2023-05-11 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.106 | 0.111 |
| psSAR10g [W/Kg] | 0.054 | 0.060 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 87.7 |
| Dist 3dB Peak [mm] | | 11.0 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band 41, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9), Channel 41055 (2636.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 10.00 | Band 41 | LTE-TDD, 10494-AAG | 2636.5 | 7.29 | 1.95 | 38.9 |

Hardware Setup

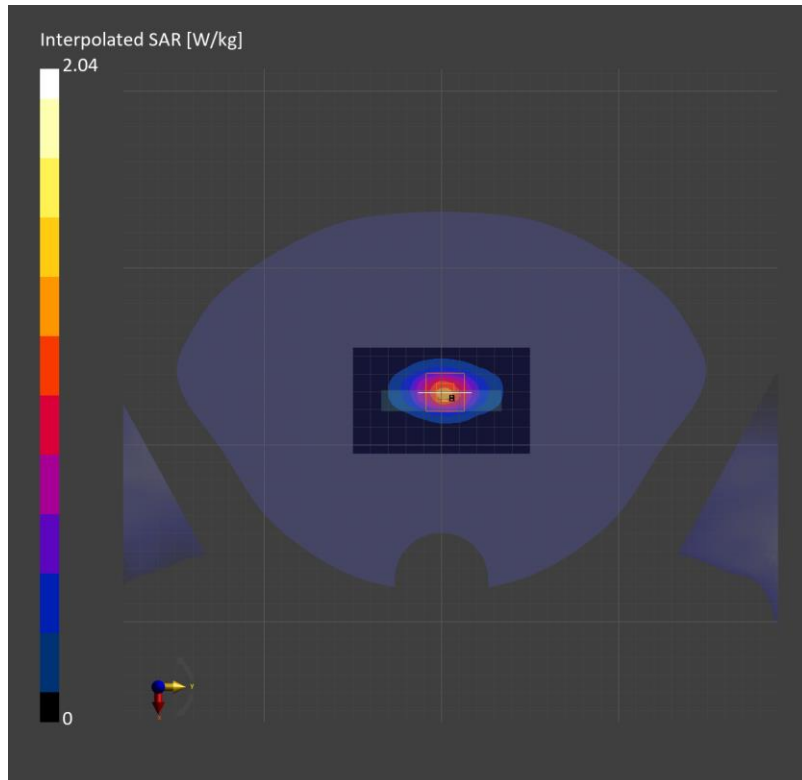
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.993 | 1.07 |
| psSAR10g [W/Kg] | 0.467 | 0.503 |
| Power Drift [dB] | | 0.00 |
| M2/M1 [%] | | 83.7 |
| Dist 3dB Peak [mm] | | 9.0 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band 41, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 41055 (2636.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 0.00 | Band 41 | LTE-TDD, 10151-CAH | 2636.5 | 8.01 | 1.93 | 40.6 |

Hardware Setup

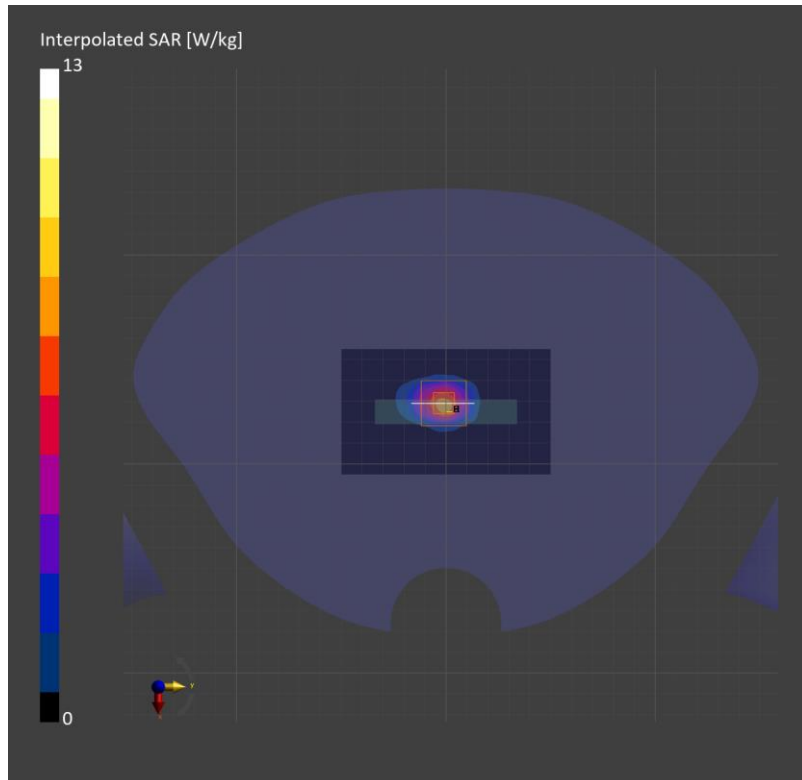
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 6.31 | 7.25 |
| psSAR10g [W/Kg] | 2.56 | 2.71 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 72.7 |
| Dist 3dB Peak [mm] | | 6.0 |



Measurement Report for SM-F956B, TILT, Band 41, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 39750 (2506.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | Band 41 | LTE-TDD, 10172-CAH | 2506.0 | 7.08 | 1.85 | 37.9 |

Hardware Setup

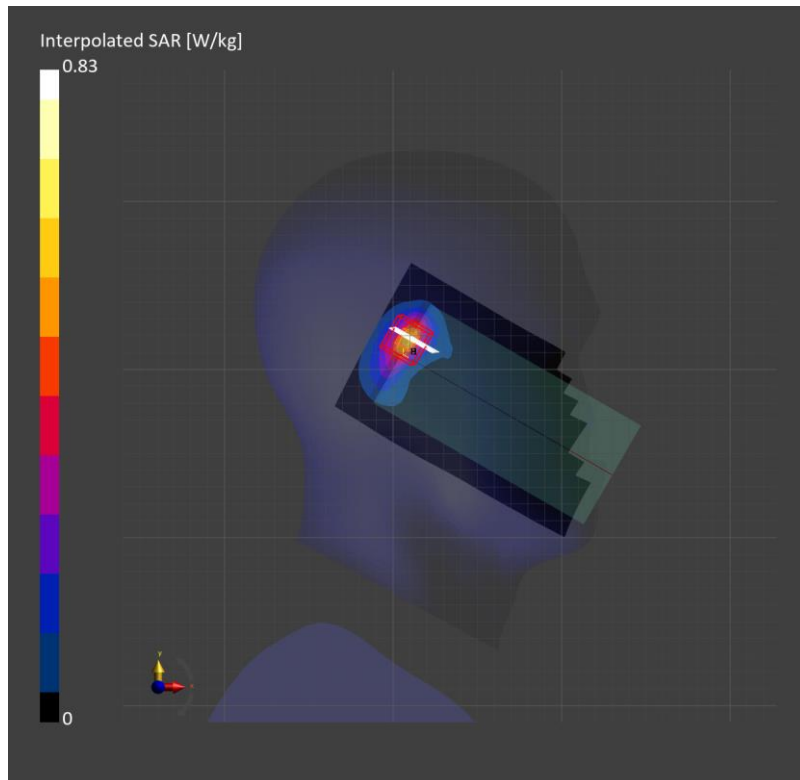
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.445 | 0.417 |
| psSAR10g [W/Kg] | 0.201 | 0.196 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 80.2 |
| Dist 3dB Peak [mm] | | 7.7 |



Measurement Report for SM-F956B, EDGE TOP, Band 41, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 39750 (2506.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band 41 | LTE-TDD, 10172-CAH | 2506.0 | 7.08 | 1.85 | 37.9 |

Hardware Setup

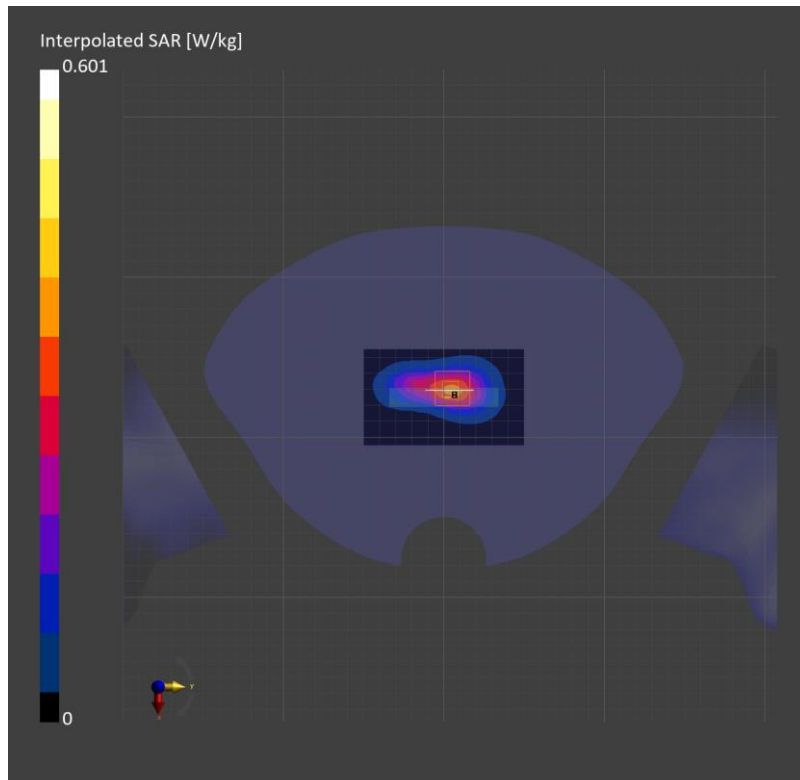
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.297 | 0.320 |
| psSAR10g [W/Kg] | 0.149 | 0.159 |
| Power Drift [dB] | | -0.05 |
| M2/M1 [%] | | 82.7 |
| Dist 3dB Peak [mm] | | 9.5 |



LTE Band 66

Frequency: 1720 MHz; Communication System Channel Number: 132072; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 39.658$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.54, 8.54, 8.54) @ 1720 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Left Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LHS/Touch QPSK RB 1/49 ch.132072/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0702 W/kg

LHS/Touch QPSK RB 1/49 ch.132072/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.22 V/m; Power Drift = 0.01 dB

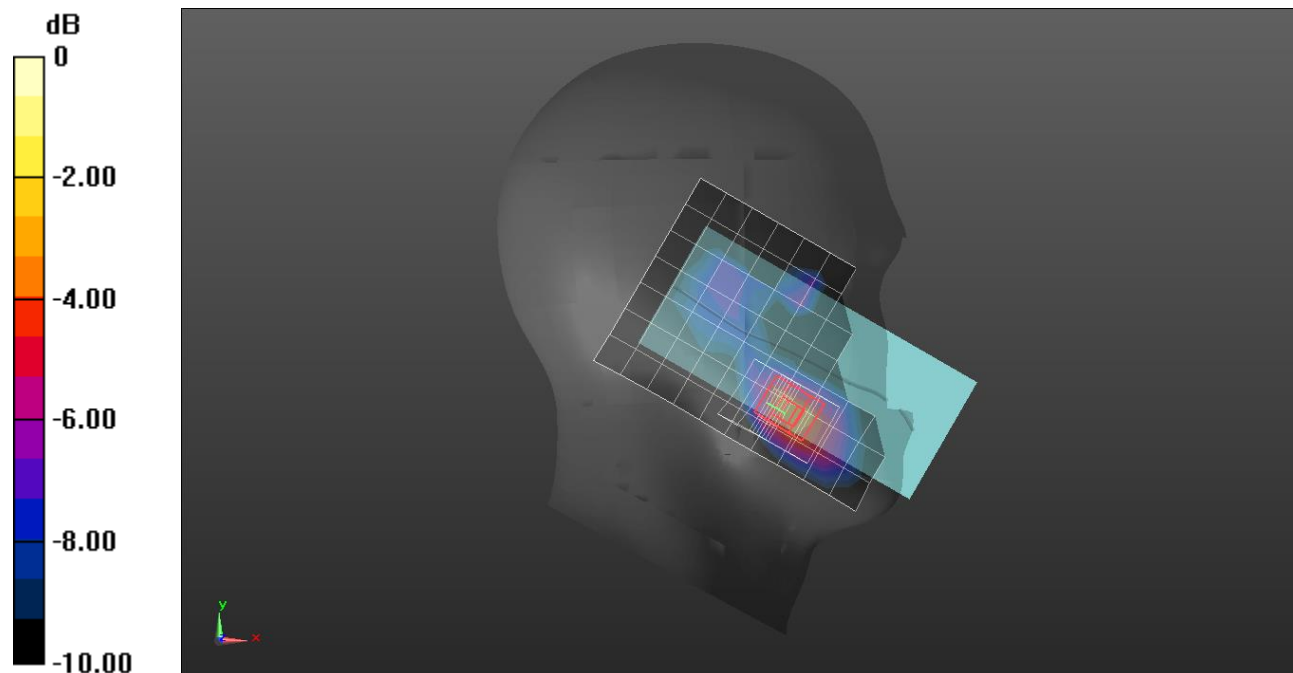
Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

LTE Band 66

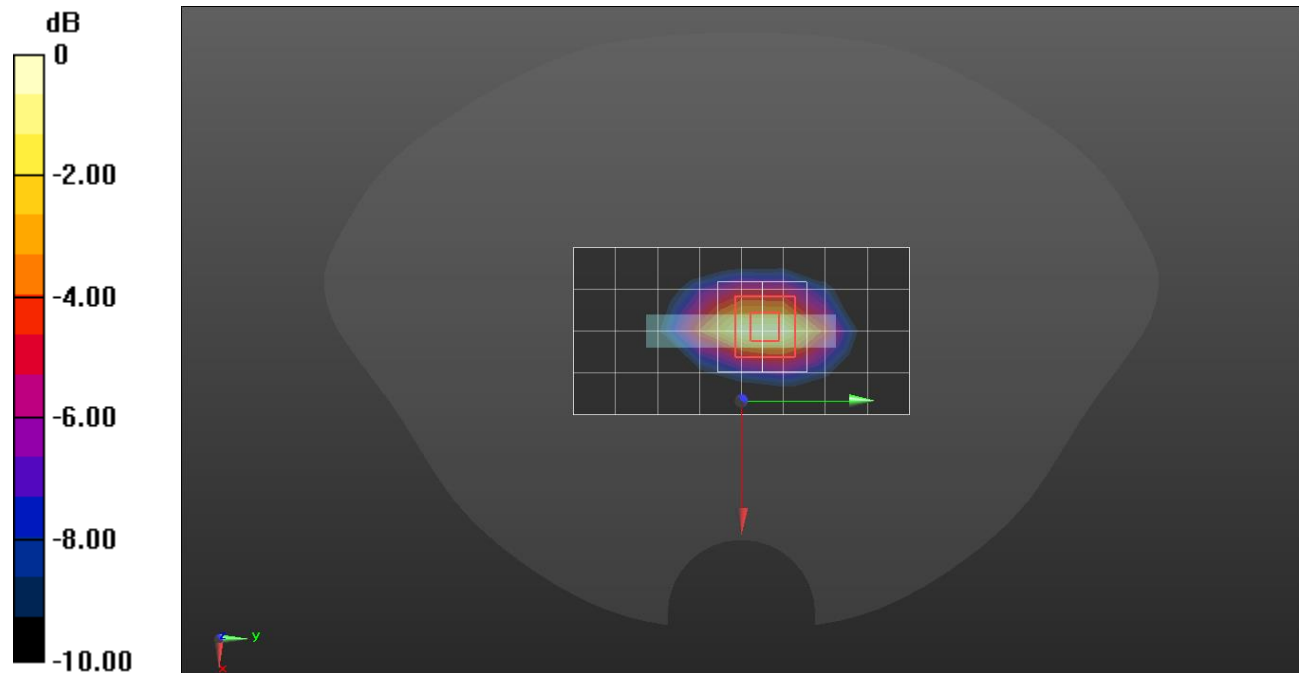
Frequency: 1770 MHz; Communication System Channel Number: 132572; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.49$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 8/24/2023
- Probe: EX3DV4 - SN7545; ConvF(8.54, 8.54, 8.54) @ 1770 MHz; Calibrated: 8/25/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bottom/QPSK RB 1/49 ch.132572/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.12 W/kg

Bottom/QPSK RB 1/49 ch.132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.43 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.446 W/kg
 Smallest distance from peaks to all points 3 dB below = 10.1 mm
 Ratio of SAR at M2 to SAR at M1 = 57.3%
 Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Measurement Report for SM-F956B, TILT, Band 66, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 132072 (1720.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | Band 66 | LTE-FDD, 10297-AAE | 1720.0 | 8.54 | 1.31 | 39.7 |

Hardware Setup

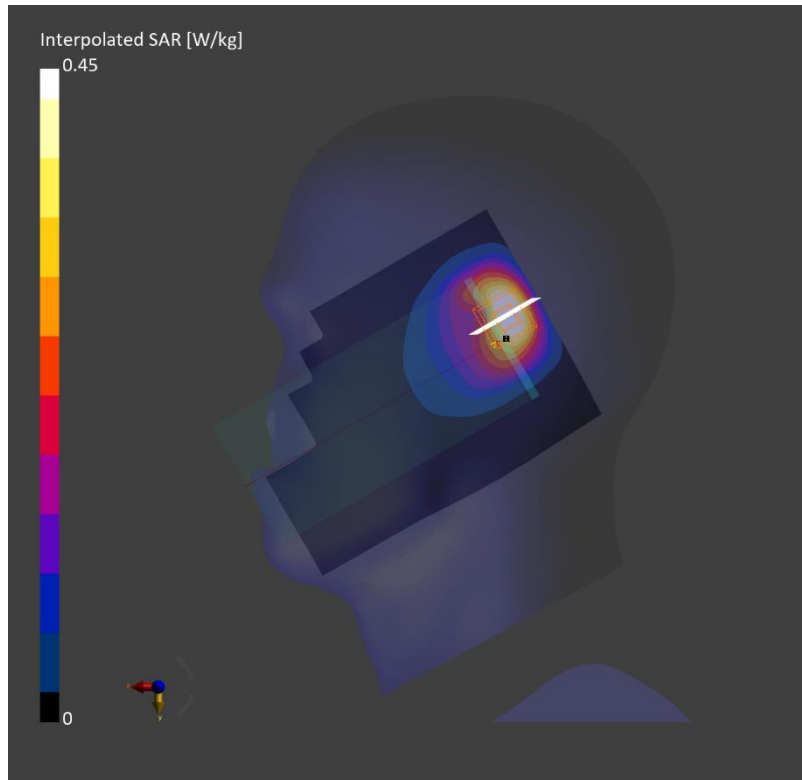
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 120.0 x 210.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm] | 15.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.388 | 0.420 |
| psSAR10g [W/Kg] | 0.217 | 0.234 |
| Power Drift [dB] | | -0.01 |
| M2/M1 [%] | | 87.6 |
| Dist 3dB Peak [mm] | | 9.2 |



Measurement Report for SM-F956B, EDGE TOP, Band 66, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 132072 (1720.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band 66 | LTE-FDD, 10297-AAE | 1720.0 | 8.54 | 1.31 | 39.7 |

Hardware Setup

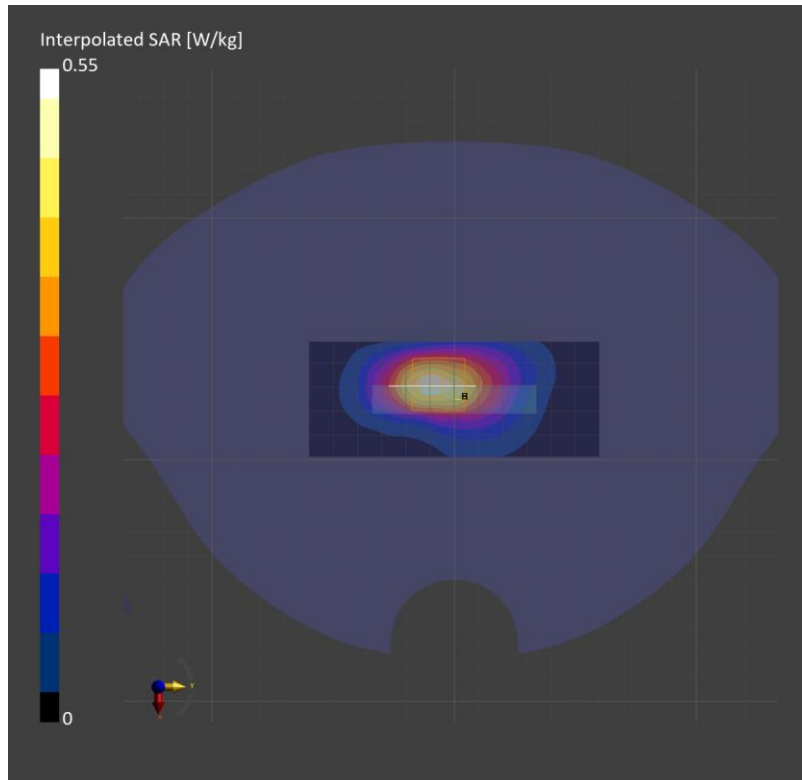
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.405 | 0.462 |
| psSAR10g [W/Kg] | 0.230 | 0.252 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 84.9 |
| Dist 3dB Peak [mm] | | 9.6 |



Measurement Report for SM-F956B, REAR, Band n5, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band n5 | 5G NR FR1 FDD, 10939-AAC | 836.5 | 8.99 | 0.918 | 40.5 |

Hardware Setup

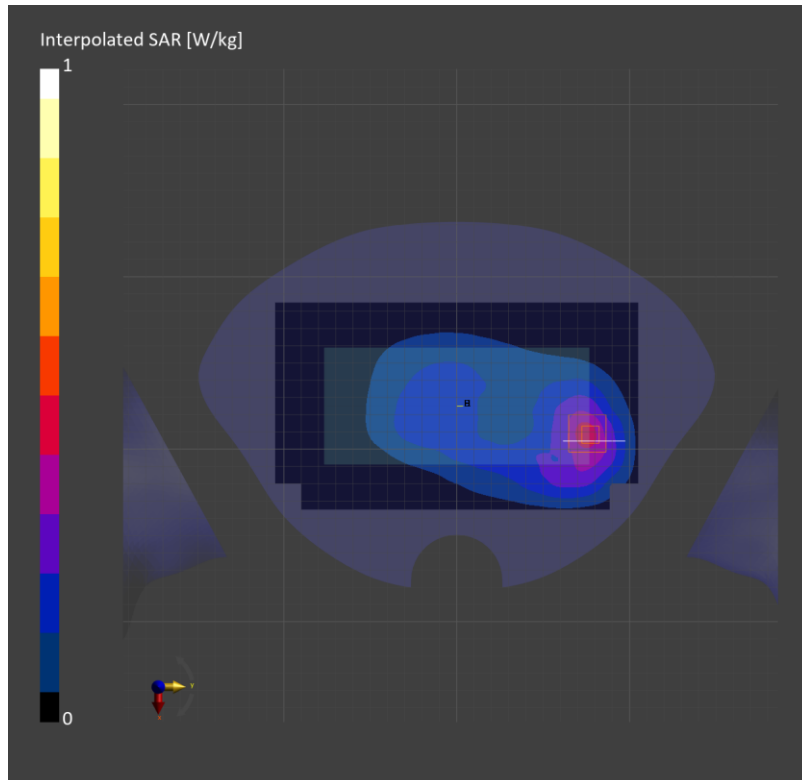
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7376, 2023-07-25 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 120.0 x 210.0 | 32.0 x 32.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.397 | 0.385 |
| psSAR10g [W/Kg] | 0.253 | 0.232 |
| Power Drift [dB] | | 0.00 |
| M2/M1 [%] | | 84.0 |
| Dist 3dB Peak [mm] | | 13.5 |



Measurement Report for SM-F956B, CHEEK, Band n5, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band n5 | 5G NR FR1 FDD, 10939-AAC | 836.5 | 8.99 | 0.918 | 40.5 |

Hardware Setup

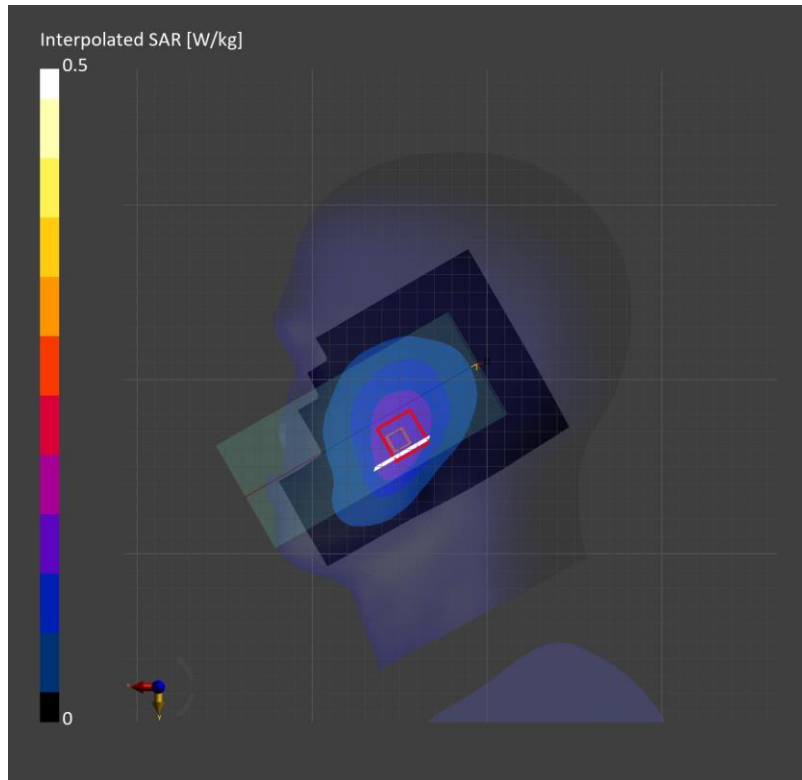
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7376, 2023-07-25 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 120.0 x 210.0 | 32.0 x 32.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.146 | 0.157 |
| psSAR10g [W/Kg] | 0.100 | 0.123 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 95.4 |
| Dist 3dB Peak [mm] | | 18.8 |



Measurement Report for SM-F956B, EDGE RIGHT, Band n5, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | Band n5 | 5G NR FR1 FDD, 10931-AAC | 836.5 | 8.99 | 0.918 | 40.5 |

Hardware Setup

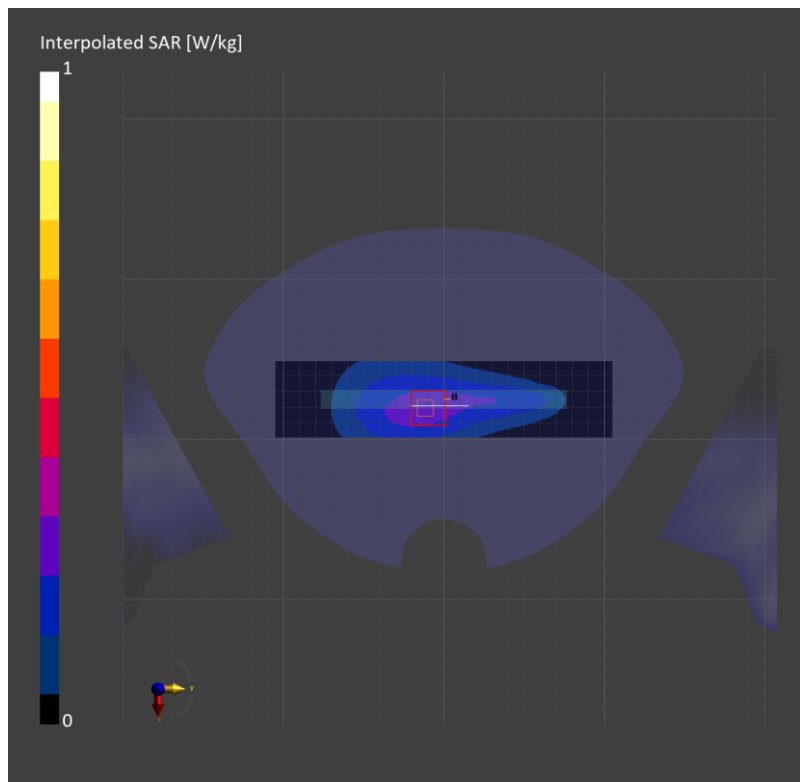
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7376, 2023-07-25 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 210.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.258 | 0.269 |
| psSAR10g [W/Kg] | 0.177 | 0.191 |
| Power Drift [dB] | 0.01 | |
| M2/M1 [%] | 90.7 | |
| Dist 3dB Peak [mm] | 23.3 | |



Measurement Report for SM-F956B, CHEEK, Band n5, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band n5 | 5G NR FR1 FDD, 10939-AAC | 836.5 | 9.61 | 0.889 | 42.3 |

Hardware Setup

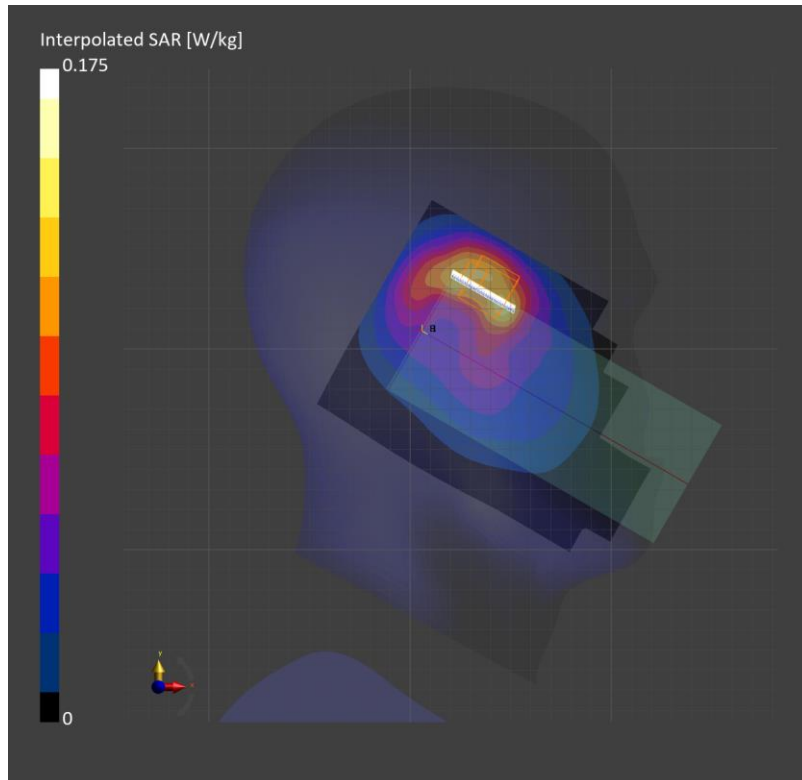
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.116 | 0.129 |
| psSAR10g [W/Kg] | 0.078 | 0.081 |
| Power Drift [dB] | | -0.04 |
| M2/M1 [%] | | 79.3 |
| Dist 3dB Peak [mm] | | 8.5 |



Measurement Report for SM-F956B, REAR, Band n5, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band n5 | 5G NR FR1 FDD, 10939-AAC | 836.5 | 9.61 | 0.889 | 42.3 |

Hardware Setup

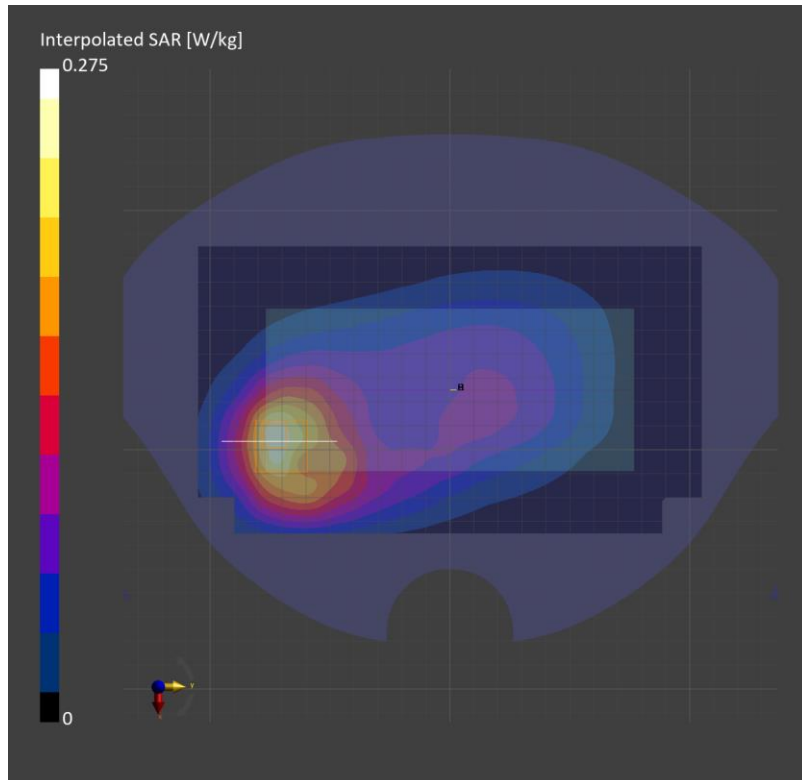
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.211 | 0.198 |
| psSAR10g [W/Kg] | 0.139 | 0.121 |
| Power Drift [dB] | | -0.14 |
| M2/M1 [%] | | 83.4 |
| Dist 3dB Peak [mm] | | 12.8 |



Measurement Report for SM-F956B, CHEEK, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 376500 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | Band n25 | 5G NR FR1 FDD, 10934-AAC | 1882.5 | 8.31 | 1.41 | 38.5 |

Hardware Setup

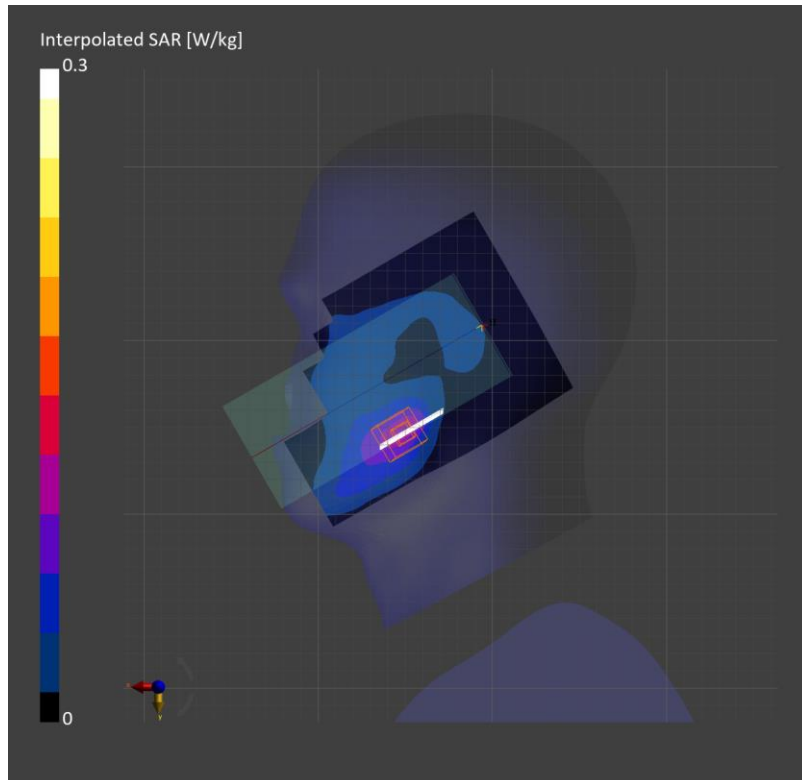
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.093 | 0.112 |
| psSAR10g [W/Kg] | 0.053 | 0.071 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 91.2 |
| Dist 3dB Peak [mm] | | 10.7 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band n25, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) AntennaCfg:SISO, Channel 376500 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 10.00 | Band n25 | 5G NR FR1 FDD, 10950-AAC | 1882.5 | 8.31 | 1.41 | 38.5 |

Hardware Setup

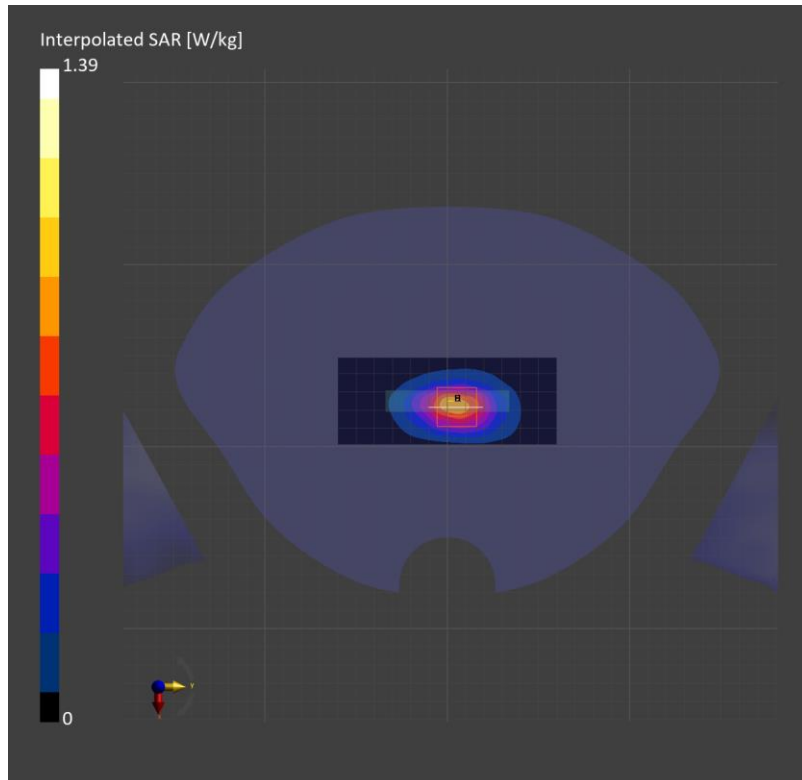
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.736 | 0.800 |
| psSAR10g [W/Kg] | 0.386 | 0.414 |
| Power Drift [dB] | | 0.05 |
| M2/M1 [%] | | 85.0 |
| Dist 3dB Peak [mm] | | 9.6 |



Measurement Report for SM-F956B, TILT, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, Channel 376500 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | Band n25 | 5G NR FR1 FDD, 10934-AAC | 1882.5 | 8.31 | 1.41 | 39.4 |

Hardware Setup

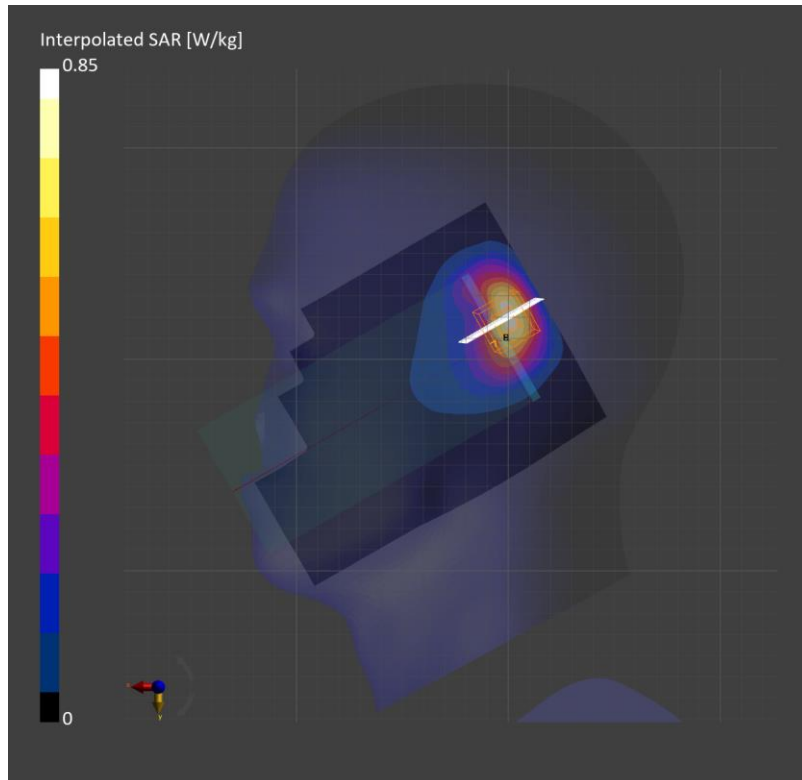
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.601 | 0.706 |
| psSAR10g [W/Kg] | 0.333 | 0.388 |
| Power Drift [dB] | | 0.01 |
| M2/M1 [%] | | 85.1 |
| Dist 3dB Peak [mm] | | 9.2 |



Measurement Report for SM-F956B, EDGE TOP, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, Channel 376500 (1882.5 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band n25 | 5G NR FR1 FDD, 10934-AAC | 1882.5 | 8.31 | 1.41 | 39.4 |

Hardware Setup

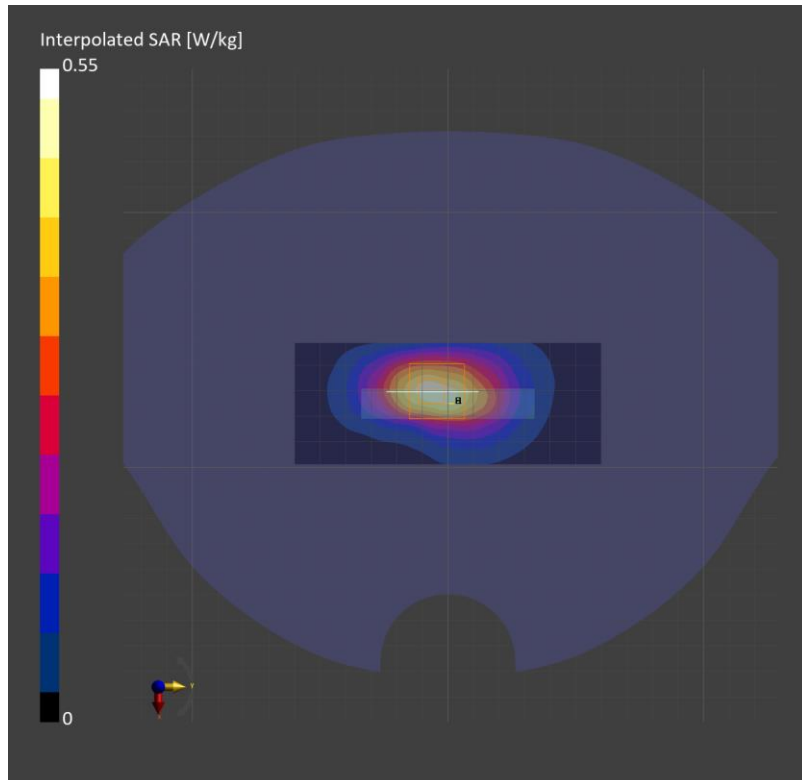
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.404 | 0.443 |
| psSAR10g [W/Kg] | 0.226 | 0.247 |
| Power Drift [dB] | | -0.00 |
| M2/M1 [%] | | 86.1 |
| Dist 3dB Peak [mm] | | 10.8 |



Measurement Report for SM-F956B, CHEEK, Band n66, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, Channel 349000 (1745.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band n66 | 5G NR FR1 FDD, 10934-AAC | 1745.0 | 8.54 | 1.32 | 39.7 |

Hardware Setup

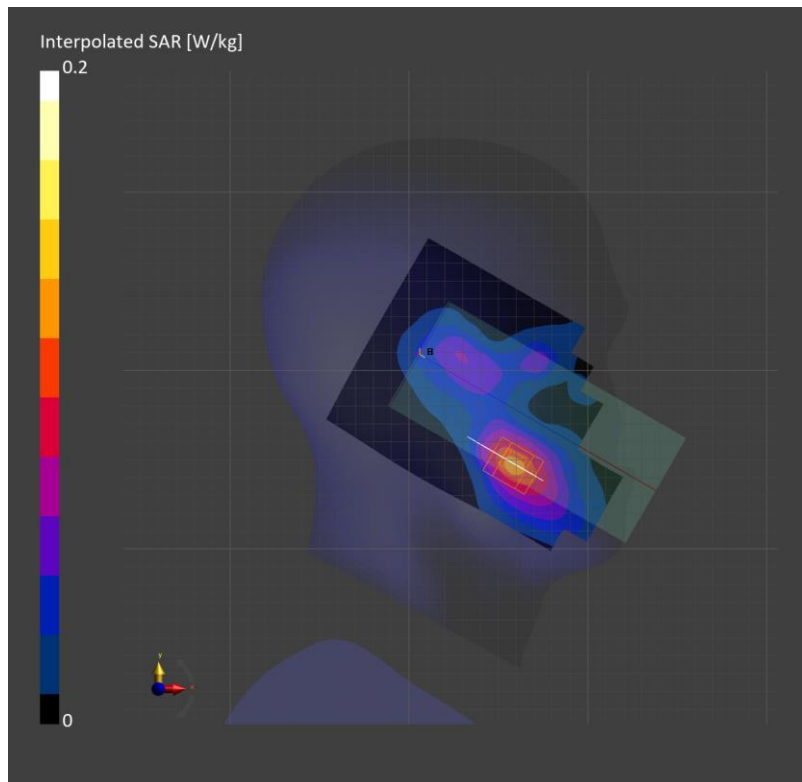
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.101 | 0.110 |
| psSAR10g [W/Kg] | 0.059 | 0.072 |
| Power Drift [dB] | | 0.02 |
| M2/M1 [%] | | 88.9 |
| Dist 3dB Peak [mm] | | 13.7 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band n66, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 349000 (1745.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 10.00 | Band n66 | 5G NR FR1 FDD, 10934-AAC | 1745.0 | 8.54 | 1.32 | 38.4 |

Hardware Setup

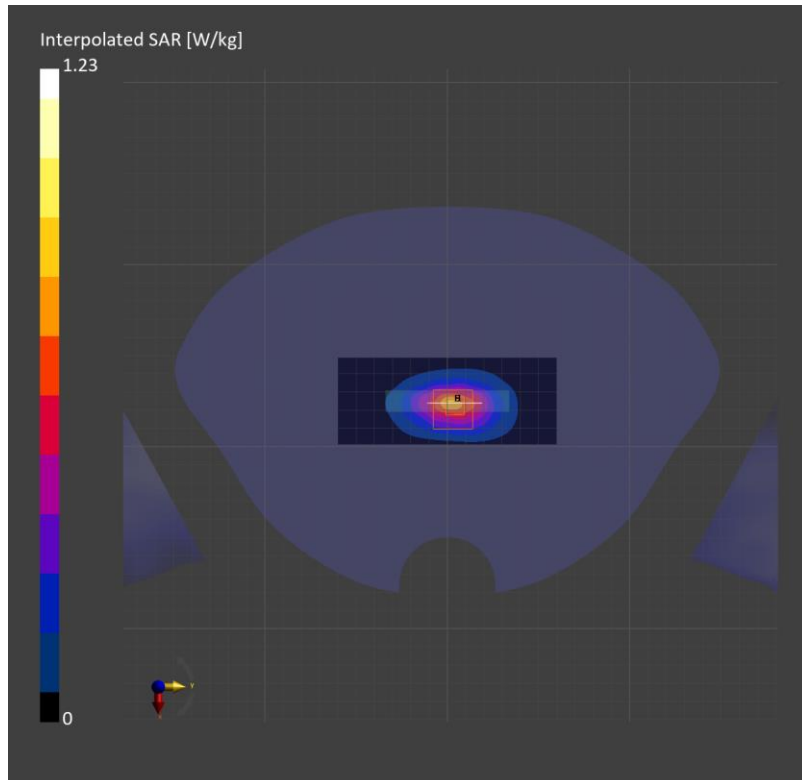
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.621 | 0.675 |
| psSAR10g [W/Kg] | 0.324 | 0.333 |
| Power Drift [dB] | | 0.06 |
| M2/M1 [%] | | 84.3 |
| Dist 3dB Peak [mm] | | 4.4 |



Measurement Report for SM-F956B, TILT, Band n66, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, Channel 349000 (1745.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | Band n66 | 5G NR FR1 FDD, 10942-AAC | 1745.0 | 8.54 | 1.32 | 39.7 |

Hardware Setup

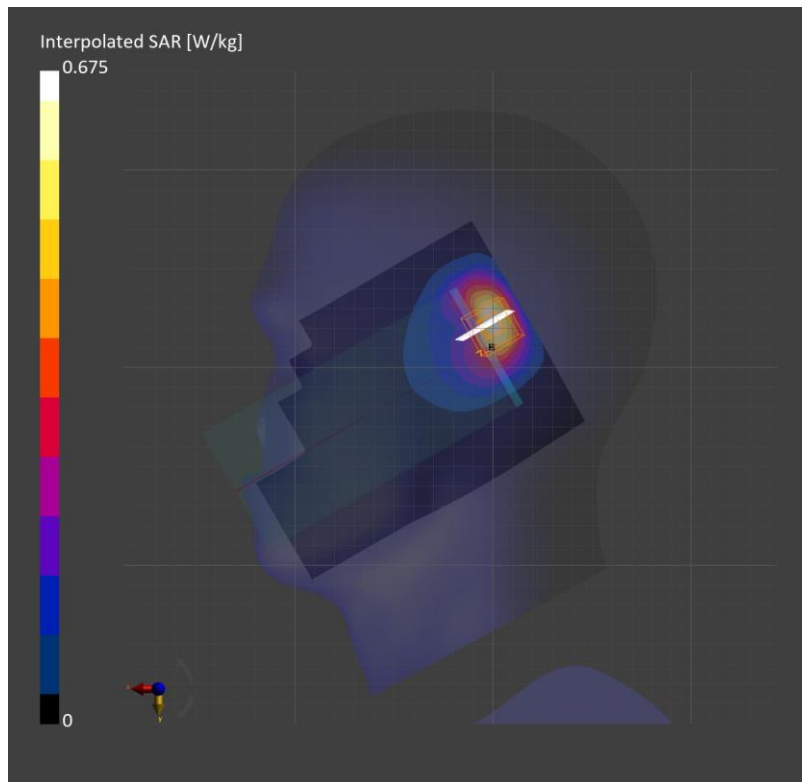
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.490 | 0.526 |
| psSAR10g [W/Kg] | 0.269 | 0.290 |
| Power Drift [dB] | | 0.02 |
| M2/M1 [%] | | 85.7 |
| Dist 3dB Peak [mm] | | 9.2 |



Measurement Report for SM-F956B, EDGE TOP, Band n66, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Low AntennaCfg:SISO, Channel 349000 (1745.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band n66 | 5G NR FR1 FDD, 10942-AAC | 1745.0 | 8.54 | 1.32 | 39.7 |

Hardware Setup

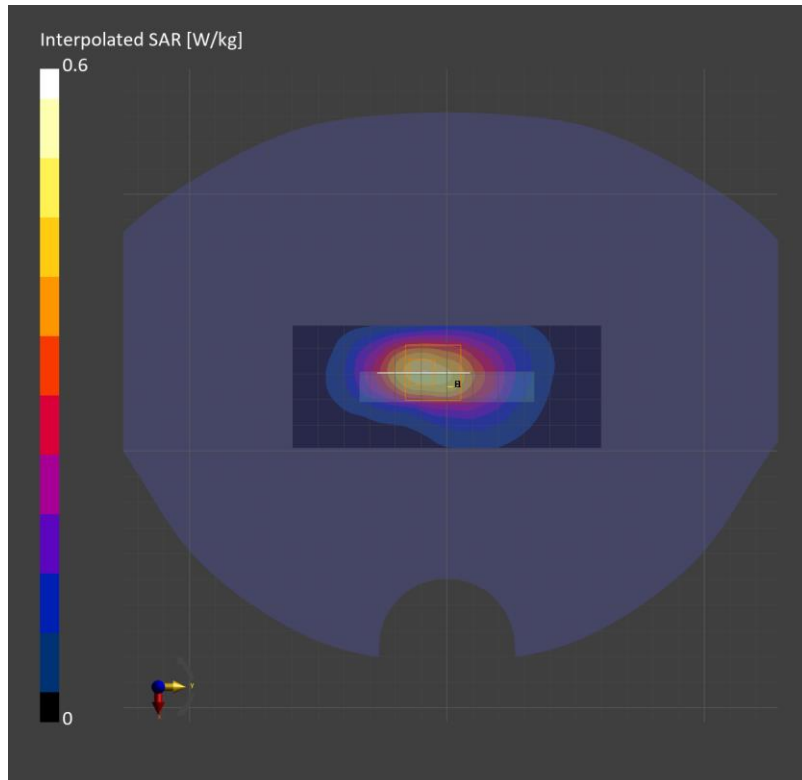
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2037 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn474, 2023-11-10 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 47.6 x 120.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm] | 11.91 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.410 | 0.464 |
| psSAR10g [W/Kg] | 0.234 | 0.256 |
| Power Drift [dB] | | 0.00 |
| M2/M1 [%] | | 85.0 |
| Dist 3dB Peak [mm] | | 9.6 |



Measurement Report for SM-F956B, TILT, Band n41(Voice/data/SRS0), 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, Channel 518598 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | Band n41 | 5G NR FR1 TDD, 10917-AAD | 2593.0 | 8.01 | 1.91 | 39.5 |

Hardware Setup

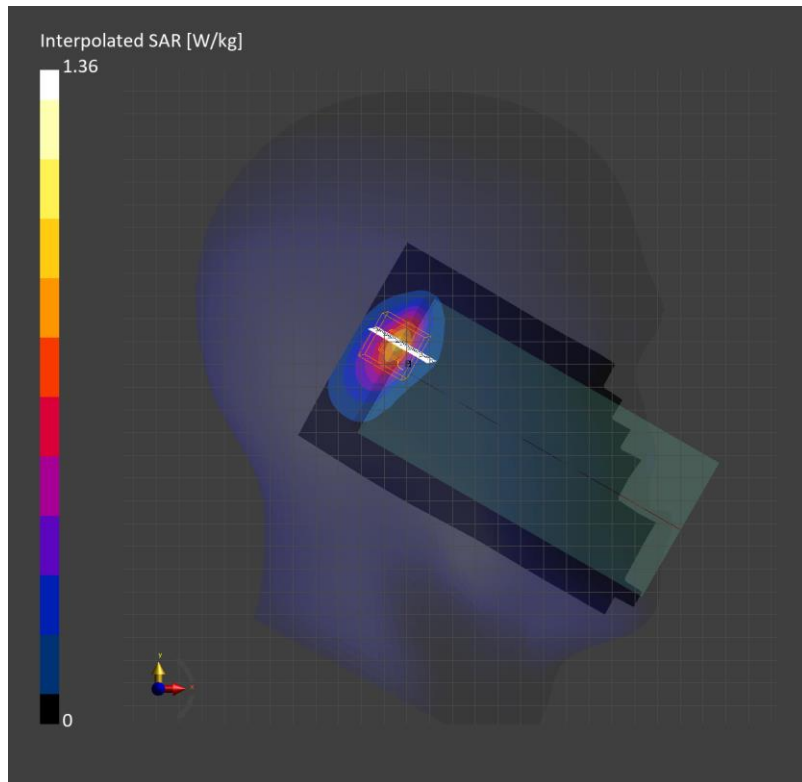
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.703 | 0.688 |
| psSAR10g [W/Kg] | 0.314 | 0.325 |
| Power Drift [dB] | | 0.01 |
| M2/M1 [%] | | 80.5 |
| Dist 3dB Peak [mm] | | 8.1 |



Measurement Report for SM-F956B, EDGE TOP, Band n41 (Voice/data/SRS0), 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, Channel 518598 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band n41 | 5G NR FR1 TDD, 10917-AAD | 2593.0 | 8.01 | 1.91 | 39.5 |

Hardware Setup

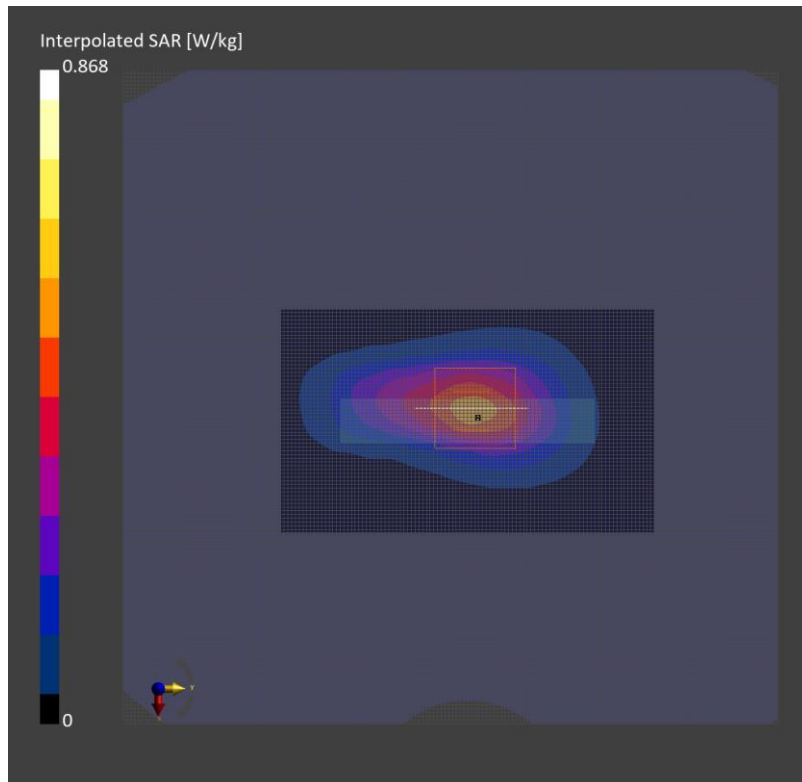
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.431 | 0.463 |
| psSAR10g [W/Kg] | 0.211 | 0.231 |
| Power Drift [dB] | 0.07 | |
| M2/M1 [%] | 81.4 | |
| Dist 3dB Peak [mm] | 10.0 | |



Measurement Report for SM-F956B, TILT, Band n41(SRS1/SRS2/SRS3), CW, Channel 2593000 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | Band n41 | CW, 0-- | 2593.0 | 8.01 | 1.91 | 38.8 |

Hardware Setup

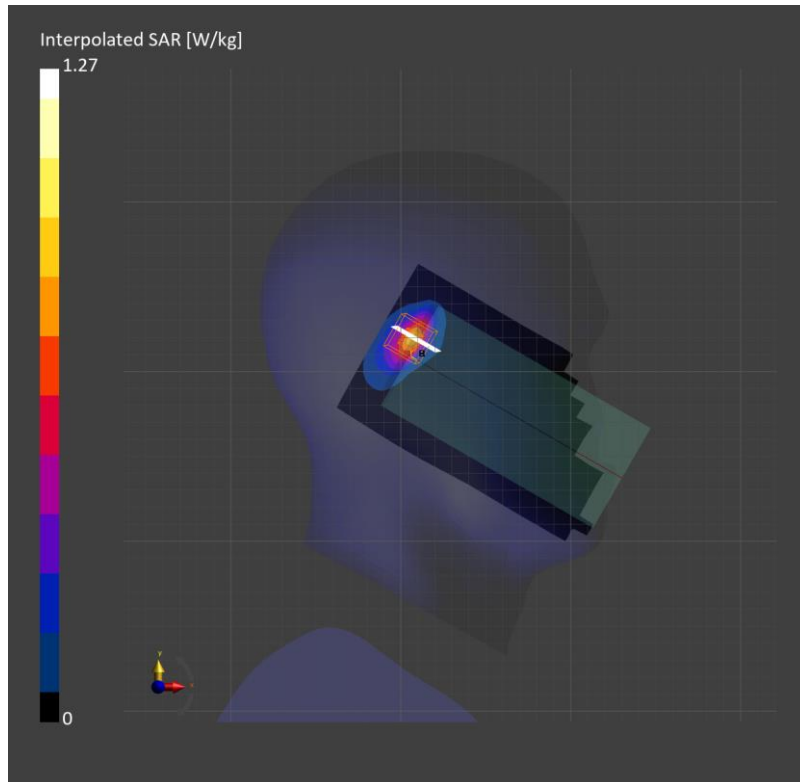
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.671 | 0.622 |
| psSAR10g [W/Kg] | 0.285 | 0.282 |
| Power Drift [dB] | | -0.14 |
| M2/M1 [%] | | 80.3 |
| Dist 3dB Peak [mm] | | 7.1 |



Measurement Report for SM-F956B, EDGE TOP, Band n41 (SRS1/SRS2/SRS3), CW, Channel 2593000 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band n41 | CW, 0-- | 2593.0 | 6.73 | 1.90 | 39.4 |

Hardware Setup

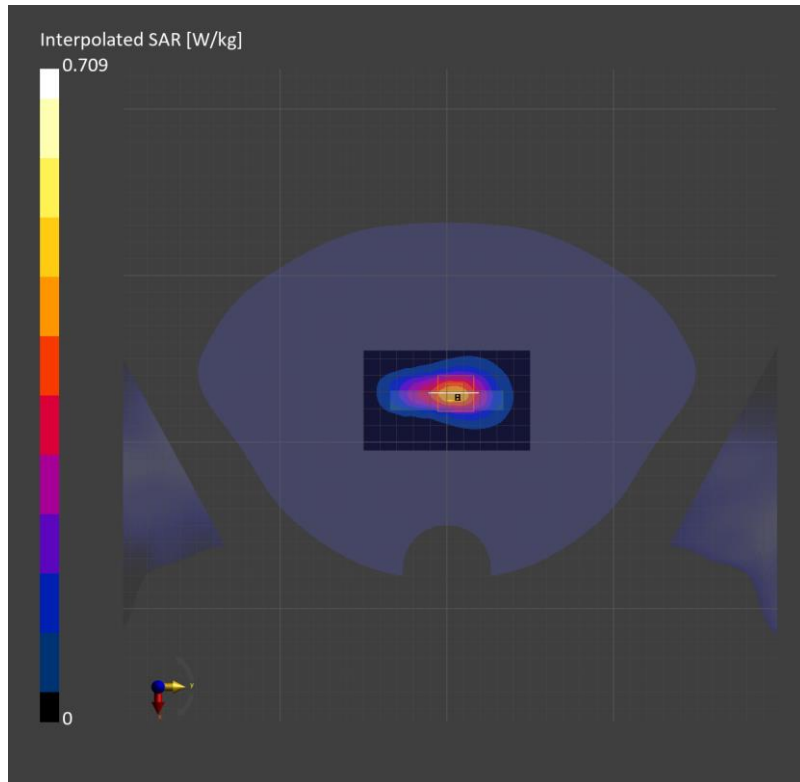
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.374 | 0.387 |
| psSAR10g [W/Kg] | 0.184 | 0.193 |
| Power Drift [dB] | | -0.02 |
| M2/M1 [%] | | 82.8 |
| Dist 3dB Peak [mm] | | 9.3 |



Measurement Report for SM-F956B, CHEEK, Band n41(Voice/data/SRS0), 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, Channel 518598 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band n41 | 5G NR FR1 TDD, 10866-AAF | 2593.0 | 8.01 | 1.91 | 39.5 |

Hardware Setup

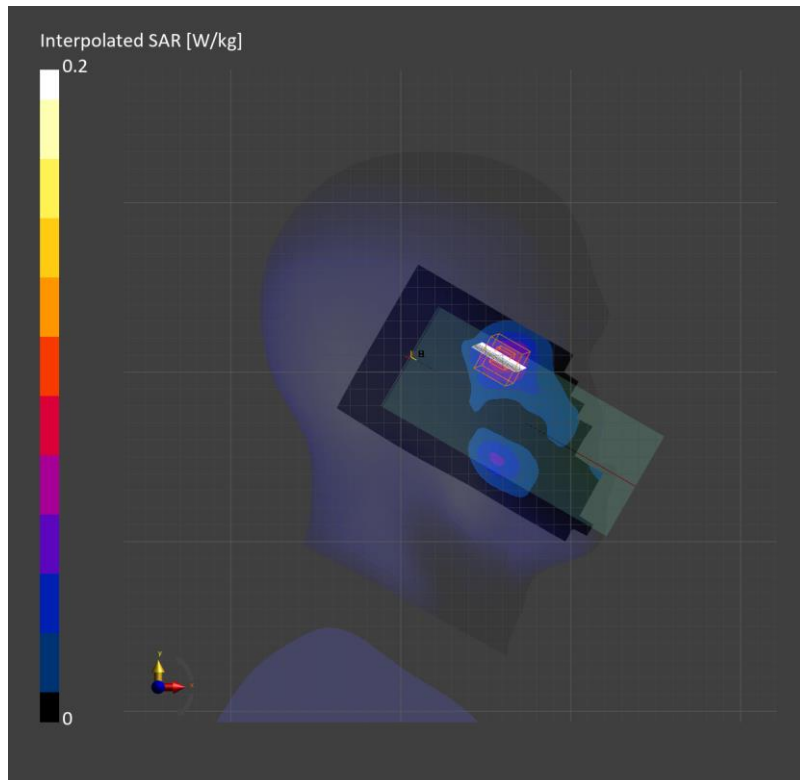
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.064 | 0.060 |
| psSAR10g [W/Kg] | 0.034 | 0.032 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 92.9 |
| Dist 3dB Peak [mm] | | 9.9 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band n41 (Voice/data/SRS0), 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 518598 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 10.00 | Band n41 | 5G NR FR1 TDD, 10917-AAD | 2593.0 | 8.01 | 1.94 | 39.4 |

Hardware Setup

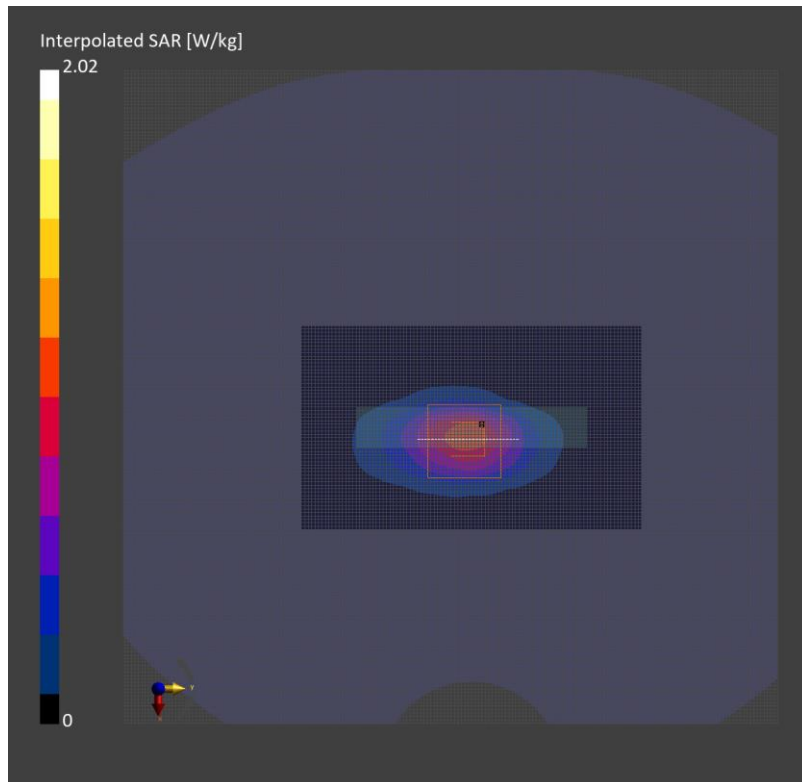
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.892 | 0.956 |
| psSAR10g [W/Kg] | 0.406 | 0.432 |
| Power Drift [dB] | | -0.05 |
| M2/M1 [%] | | 79.1 |
| Dist 3dB Peak [mm] | | 9.0 |



Measurement Report for SM-F956B, CHEEK, Band n41(SRS1/SRS2/SRS3), CW, Channel 2593000 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | Band n41 | CW, 0-- | 2593.0 | 8.01 | 1.91 | 38.8 |

Hardware Setup

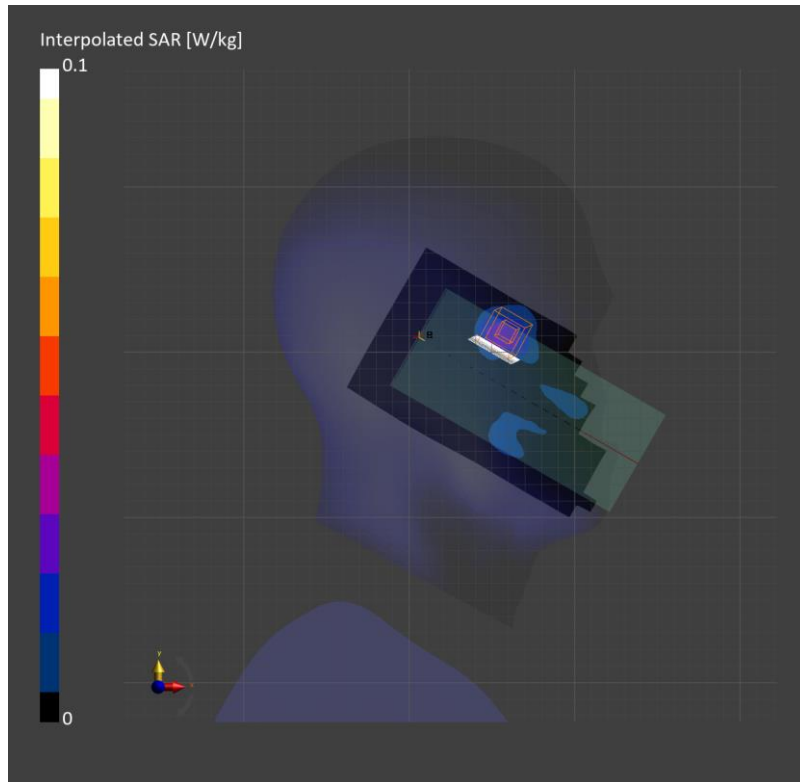
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.025 | 0.019 |
| psSAR10g [W/Kg] | 0.012 | 0.009 |
| Power Drift [dB] | | -0.14 |
| M2/M1 [%] | | 85.7 |
| Dist 3dB Peak [mm] | | 5.1 |



Measurement Report for SM-F956B, EDGE BOTTOM, Band n41 (SRS1/SRS2/SRS3), CW, Channel 2593000 (2593.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE BOTTOM, 10.00 | Band n41 | CW, 0-- | 2593.0 | 8.01 | 1.91 | 38.8 |

Hardware Setup

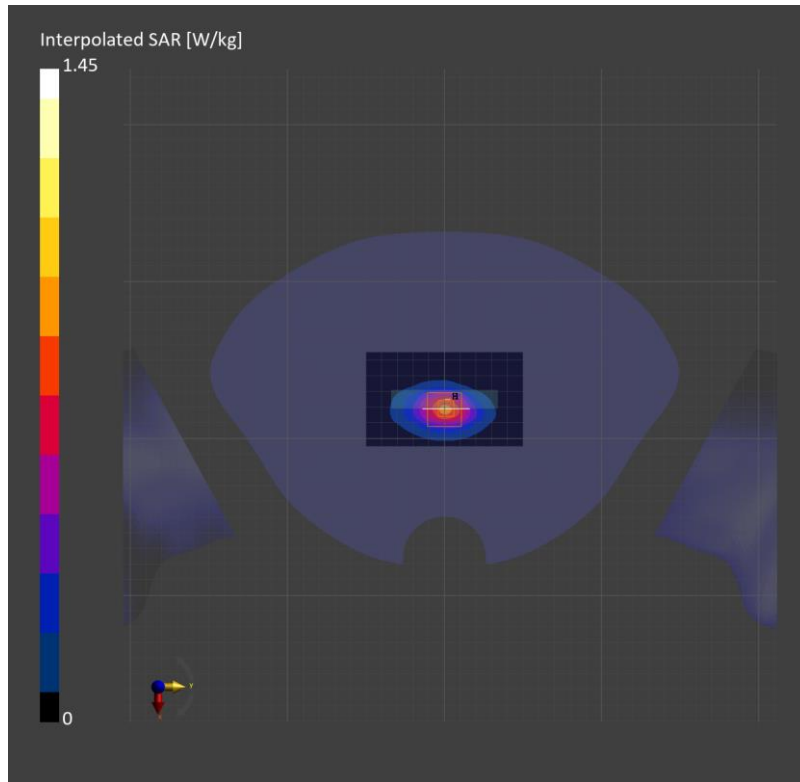
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2141 | HBBL-600-10000 | EX3DV4 - SN3871, 2023-08-25 | DAE4 Sn1798, 2023-05-02 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.694 | 0.738 |
| psSAR10g [W/Kg] | 0.332 | 0.354 |
| Power Drift [dB] | | 0.03 |
| M2/M1 [%] | | 81.4 |
| Dist 3dB Peak [mm] | | 9.5 |



Measurement Report for SM-F956B, TILT, Band n77(Voice/data/SRS0), 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, Channel 662000 (3930.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | Band n77 | 5G NR FR1 TDD, 10866-AAF | 3930.0 | 6.33 | 3.28 | 37.1 |

Hardware Setup

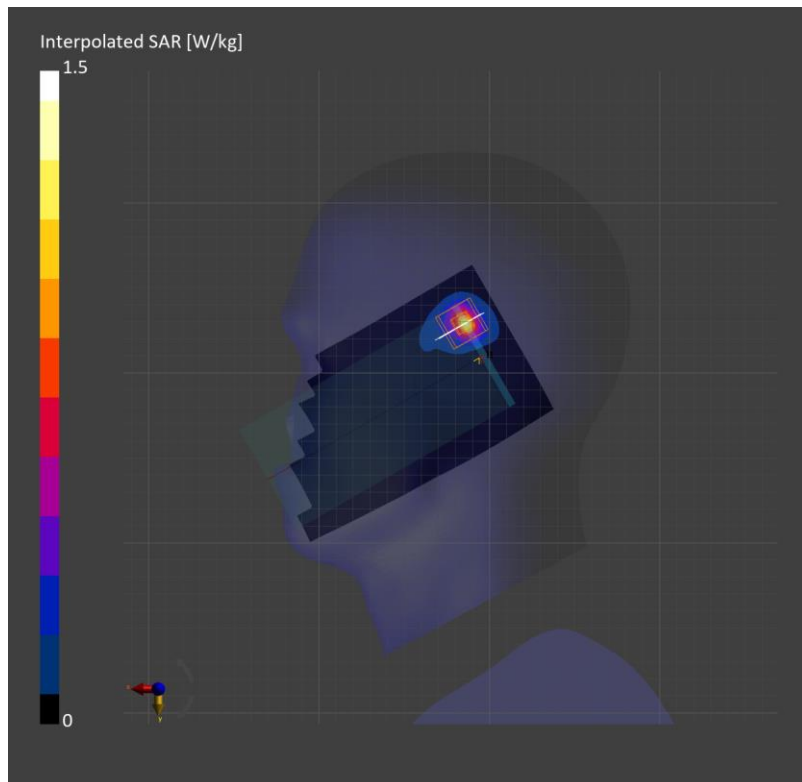
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.733 | 0.749 |
| psSAR10g [W/Kg] | 0.249 | 0.250 |
| Power Drift [dB] | | 0.01 |
| M2/M1 [%] | | 73.8 |
| Dist 3dB Peak [mm] | | 6.1 |



Measurement Report for SM-F956B, EDGE TOP, Band n77(Voice/data/SRS0), 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Low AntennaCfg:SISO, Channel 662000 (3930.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|--------------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | Band n77 | 5G NR FR1 TDD, 10866-AAF | 3930.0 | 6.53 | 3.34 | 36.9 |

Hardware Setup

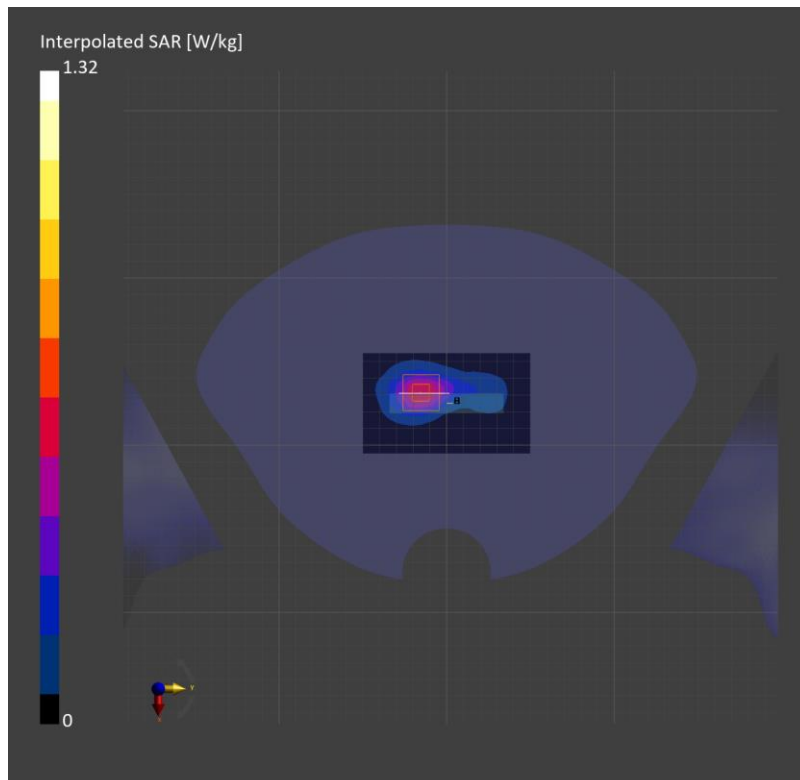
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7646, 2024-03-15 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.499 | 0.522 |
| psSAR10g [W/Kg] | 0.210 | 0.213 |
| Power Drift [dB] | | -0.14 |
| M2/M1 [%] | | 73.3 |
| Dist 3dB Peak [mm] | | 10.0 |



Measurement Report for SM-F956B, TILT, Band n77(SRS1/SRS2/SRS3), CW, Channel 3500000 (3500.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | Band n77 | CW, 0-- | 3500.0 | 6.66 | 2.86 | 37.6 |

Hardware Setup

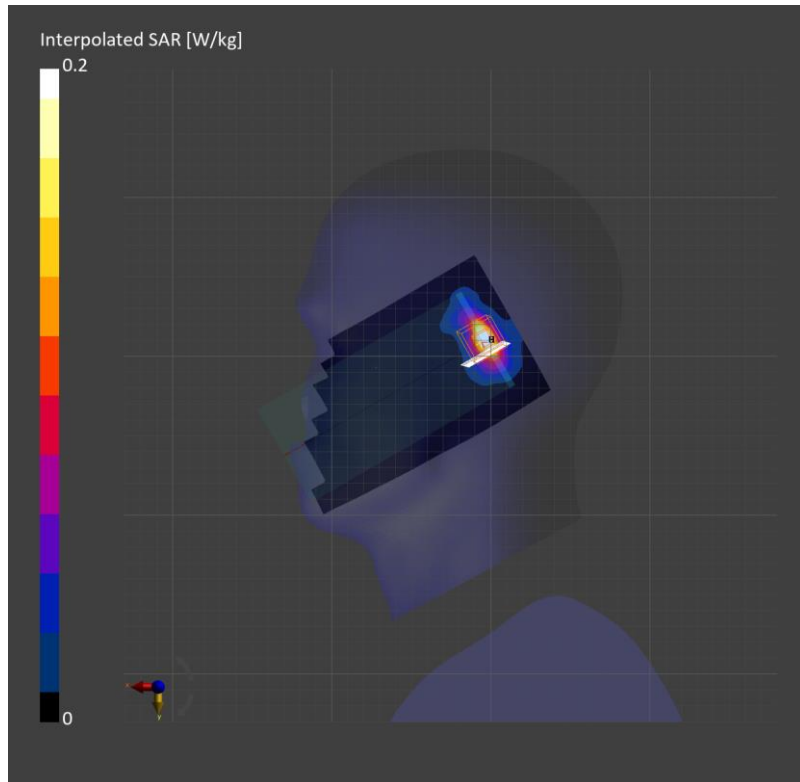
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.156 | 0.165 |
| psSAR10g [W/Kg] | 0.054 | 0.055 |
| Power Drift [dB] | | 0.17 |
| M2/M1 [%] | | 73.5 |
| Dist 3dB Peak [mm] | | 6.1 |



Measurement Report for SM-F956B, REAR, Band n77(SRS1/SRS2/SRS3), CW, Channel 3930000 (3930.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------|------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | Band n77 | CW, 0-- | 3930.0 | 6.33 | 3.28 | 37.1 |

Hardware Setup

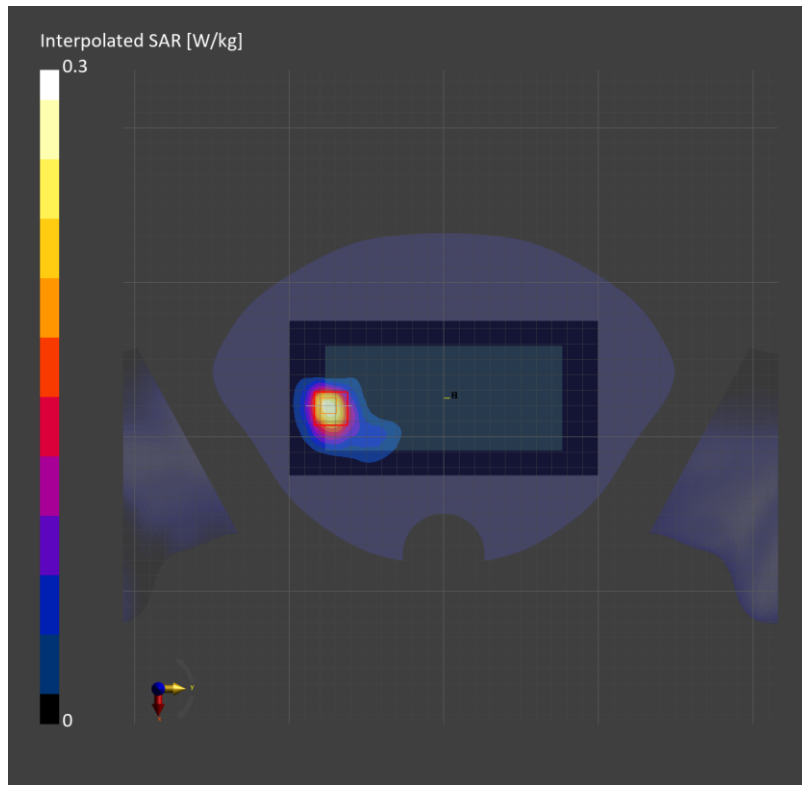
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.205 | 0.213 |
| psSAR10g [W/Kg] | 0.087 | 0.087 |
| Power Drift [dB] | | 0.02 |
| M2/M1 [%] | | 75.8 |
| Dist 3dB Peak [mm] | | 9.9 |



Measurement Report for SM-F956B, TILT, Wi-Fi (DTS Band), IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------|-----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | WLAN 2.4GHz | WLAN, 10415-AAA | 2412.0 | 6.96 | 1.78 | 39.0 |

Hardware Setup

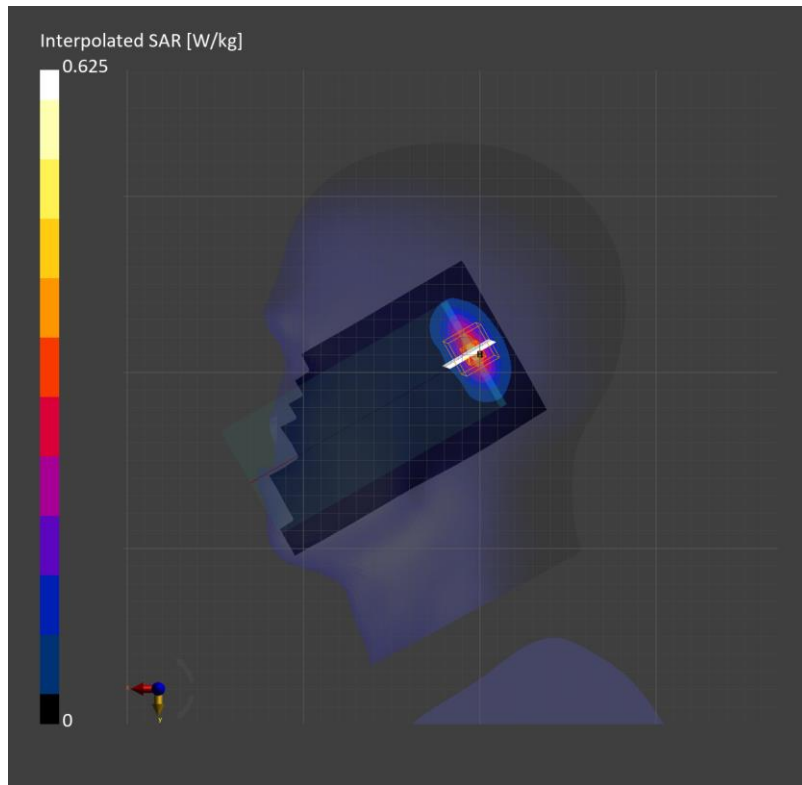
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.298 | 0.306 |
| psSAR10g [W/Kg] | 0.136 | 0.145 |
| Power Drift [dB] | 0.01 | |
| M2/M1 [%] | 80.1 | |
| Dist 3dB Peak [mm] | 8.1 | |



Measurement Report for SM-F956B, EDGE TOP, Wi-Fi (DTS Band), IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | WLAN 2.4GHz | WLAN, 10415-AAA | 2412.0 | 6.96 | 1.78 | 39.0 |

Hardware Setup

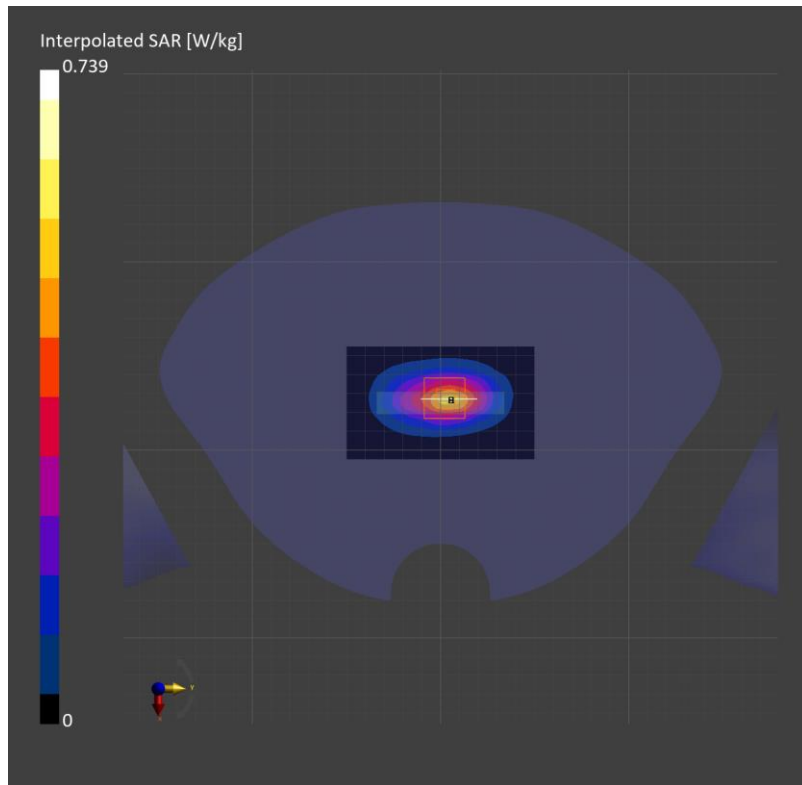
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.406 | 0.407 |
| psSAR10g [W/Kg] | 0.203 | 0.209 |
| Power Drift [dB] | | 0.16 |
| M2/M1 [%] | | 84.0 |
| Dist 3dB Peak [mm] | | 11.1 |



Measurement Report for SM-F956B, TILT, Wi-Fi (DTS Band), IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------|-----------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | WLAN 2.4GHz | WLAN, 10415-AAA | 2412.0 | 6.96 | 1.78 | 39.0 |

Hardware Setup

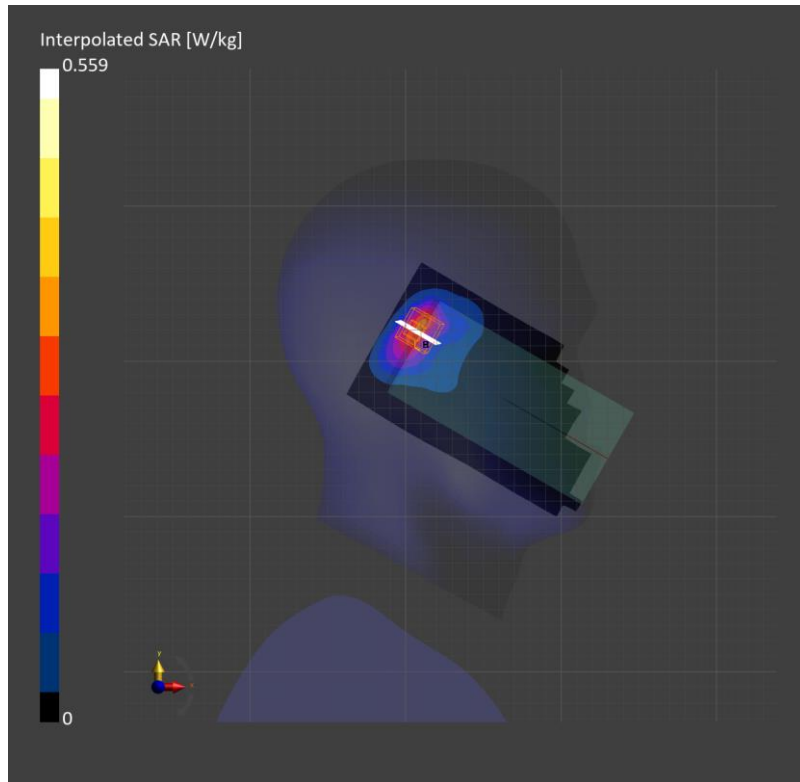
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.260 | 0.252 |
| psSAR10g [W/Kg] | 0.129 | 0.128 |
| Power Drift [dB] | | -0.09 |
| M2/M1 [%] | | 74.4 |
| Dist 3dB Peak [mm] | | 8.1 |



Measurement Report for SM-F956B, REAR, Wi-Fi (DTS Band), IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | WLAN 2.4GHz | WLAN, 10415-AAA | 2412.0 | 6.96 | 1.78 | 39.0 |

Hardware Setup

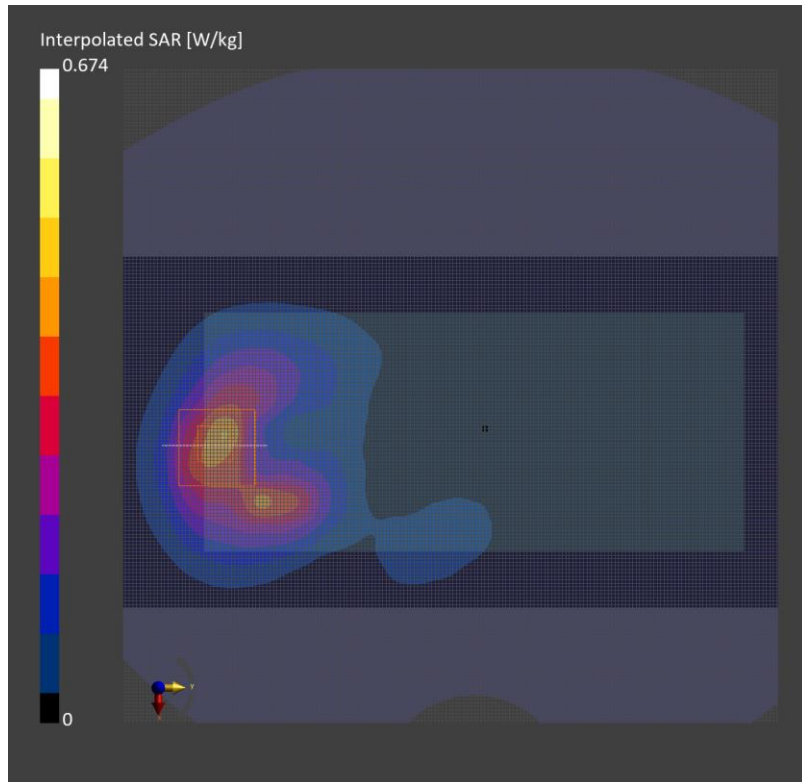
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.350 | 0.353 |
| psSAR10g [W/Kg] | 0.178 | 0.176 |
| Power Drift [dB] | | -0.00 |
| M2/M1 [%] | | 82.8 |
| Dist 3dB Peak [mm] | | 9.0 |



Measurement Report for SM-F956B, CHEEK, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

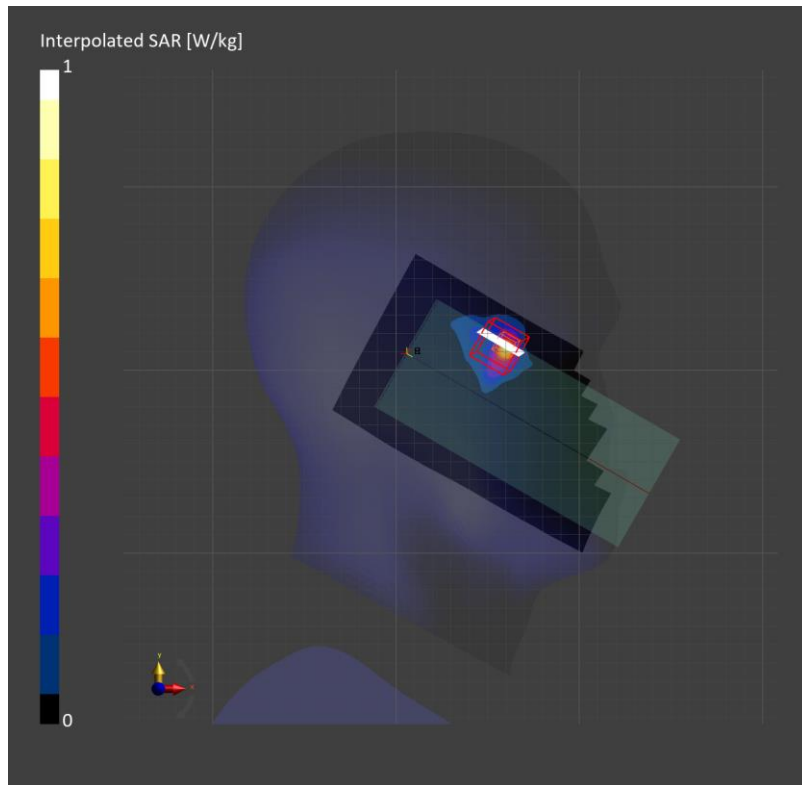
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.2 x 2.2 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.451 | 0.552 |
| psSAR10g [W/Kg] | 0.130 | 0.149 |
| Power Drift [dB] | 0.07 | |
| M2/M1 [%] | 68.6 | |
| Dist 3dB Peak [mm] | 3.6 | |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 0.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

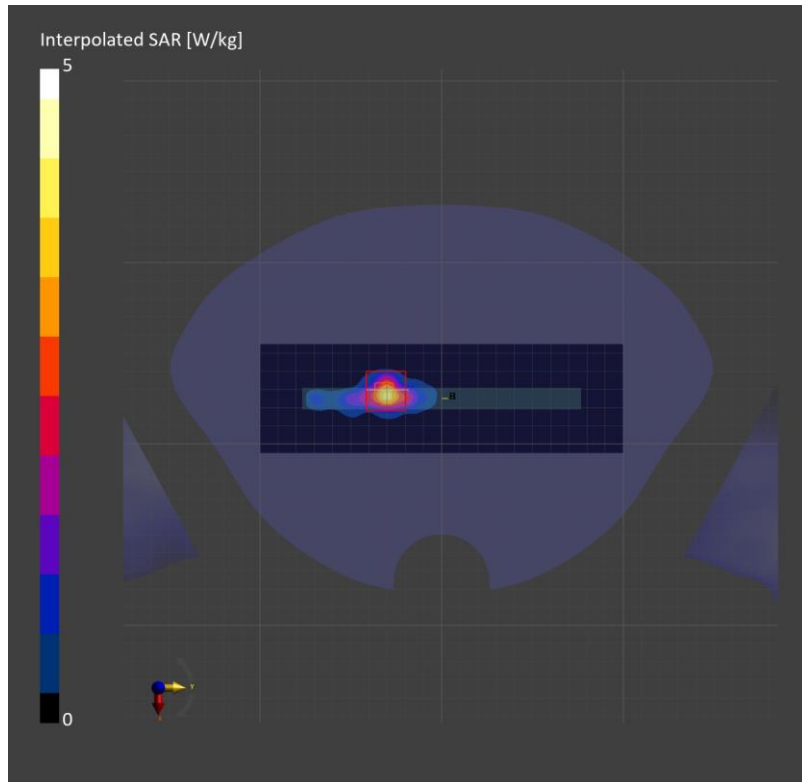
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.6 x 2.6 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 2.69 | 4.08 |
| psSAR10g [W/Kg] | 0.812 | 0.996 |
| Power Drift [dB] | | 0.03 |
| M2/M1 [%] | | 58.2 |
| Dist 3dB Peak [mm] | | 3.2 |



Measurement Report for SM-F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

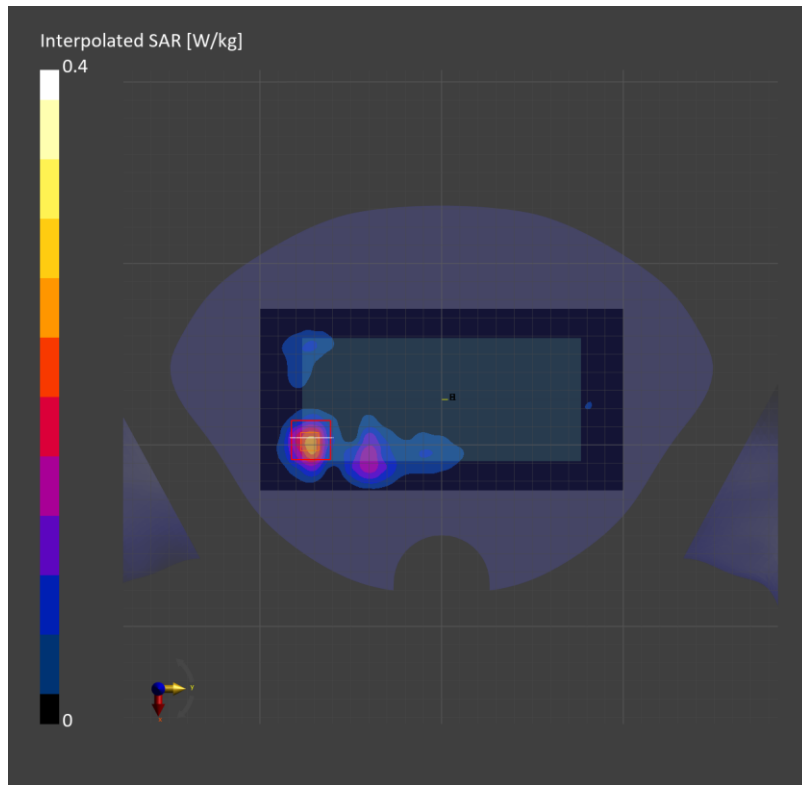
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.183 | 0.174 |
| psSAR10g [W/Kg] | 0.063 | 0.057 |
| Power Drift [dB] | 0.18 | |
| M2/M1 [%] | 67.6 | |
| Dist 3dB Peak [mm] | 8.8 | |



Measurement Report for SM-F956B, CHEEK, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | CHEEK, 0.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

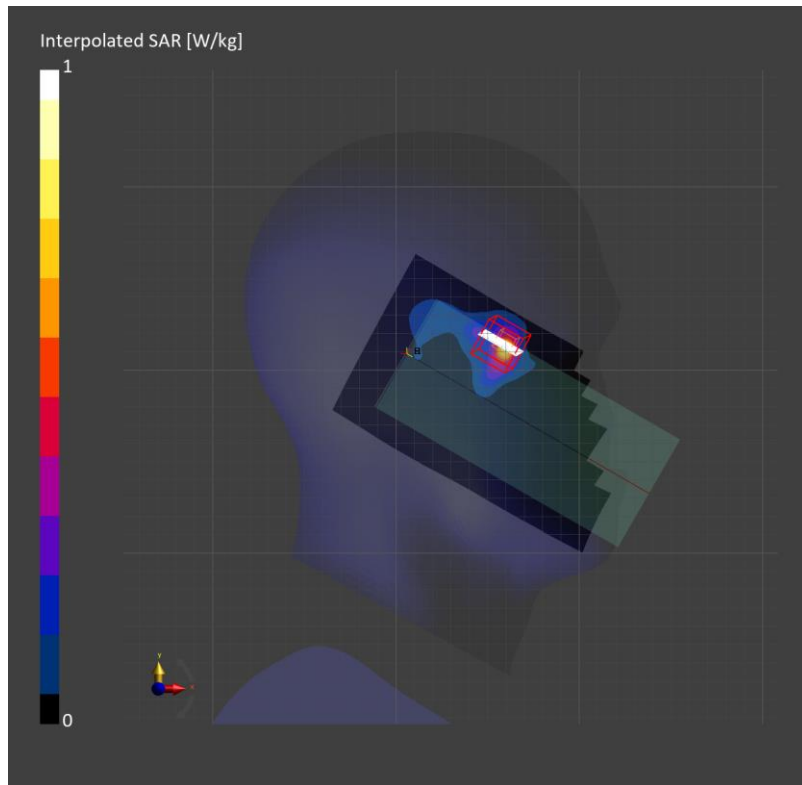
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.4 x 2.4 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.487 | 0.634 |
| psSAR10g [W/Kg] | 0.144 | 0.162 |
| Power Drift [dB] | -0.04 | |
| M2/M1 [%] | 69.0 | |
| Dist 3dB Peak [mm] | 3.3 | |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 0.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

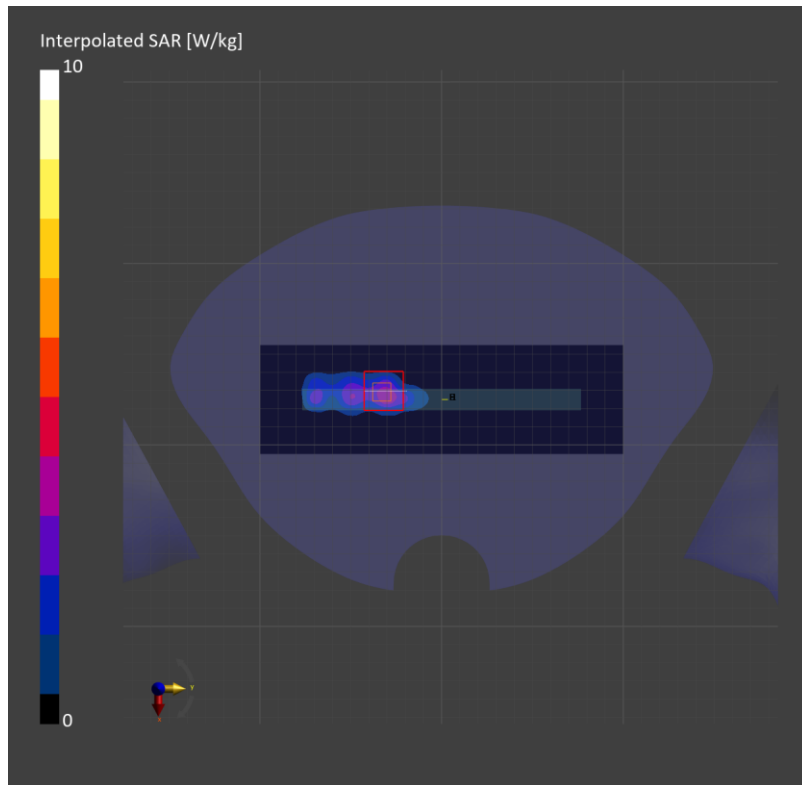
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.6 x 2.6 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 2.84 | 4.62 |
| psSAR10g [W/Kg] | 0.946 | 1.19 |
| Power Drift [dB] | | -0.03 |
| M2/M1 [%] | | 62.1 |
| Dist 3dB Peak [mm] | | 3.2 |



Measurement Report for SM-F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle), Channel 54 (5270.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII-1, U-NII-2A | WLAN, 10599-AAA | 5270.0 | 5.24 | 4.69 | 35.9 |

Hardware Setup

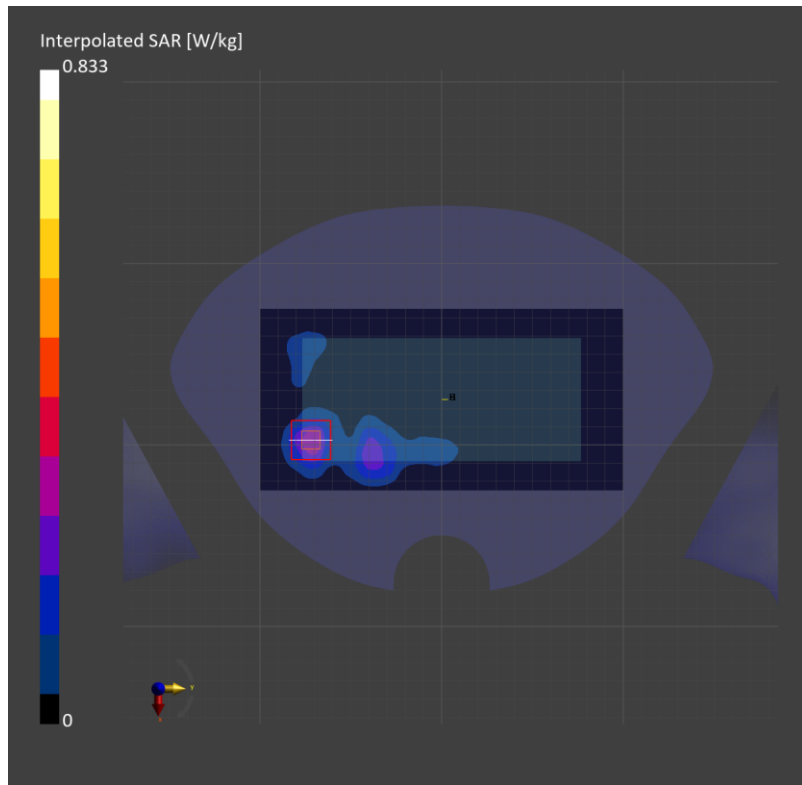
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2046 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn1468, 2023-08-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.243 | 0.250 |
| psSAR10g [W/Kg] | 0.086 | 0.086 |
| Power Drift [dB] | | -0.08 |
| M2/M1 [%] | | 64.4 |
| Dist 3dB Peak [mm] | | 8.7 |



Measurement Report for SM-F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.76 | 5.00 | 34.5 |

Hardware Setup

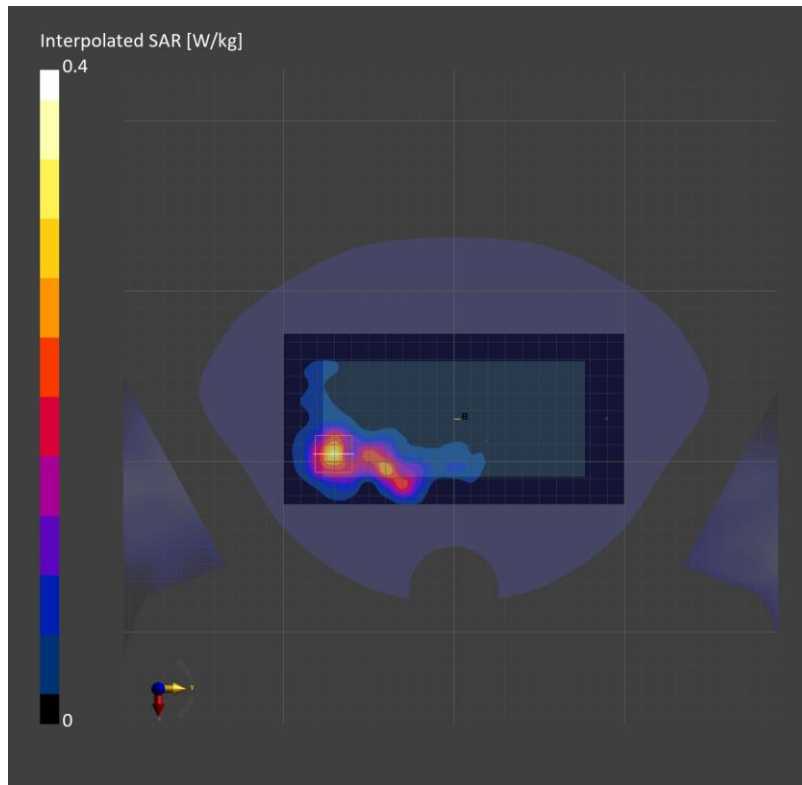
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.214 | 0.210 |
| psSAR10g [W/Kg] | 0.078 | 0.071 |
| Power Drift [dB] | | 0.07 |
| M2/M1 [%] | | 67.9 |
| Dist 3dB Peak [mm] | | 9.7 |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 0.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.76 | 5.00 | 34.5 |

Hardware Setup

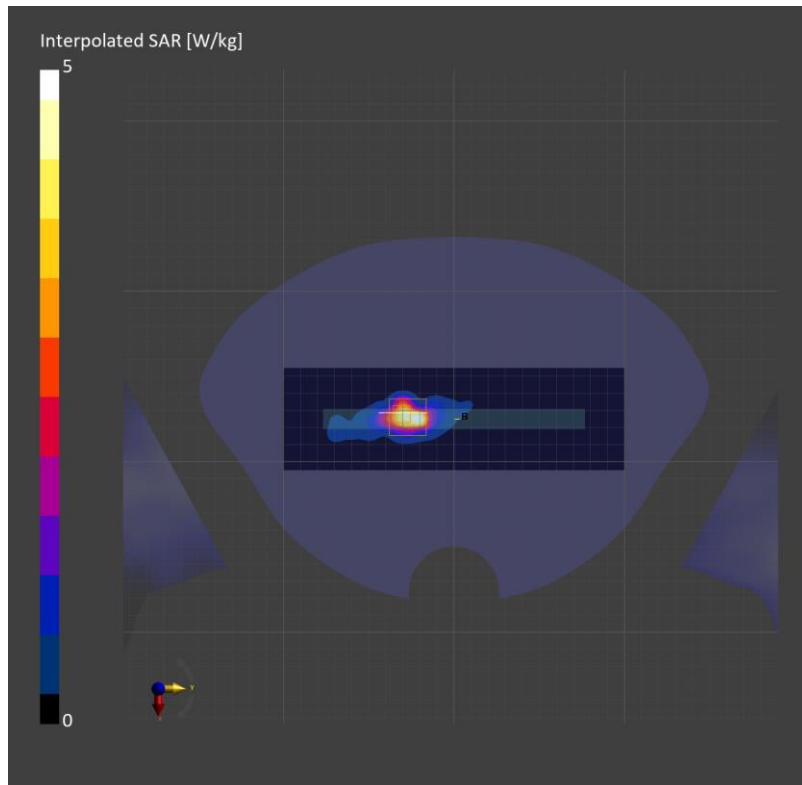
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.2 x 2.2 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 3.26 | 5.14 |
| psSAR10g [W/Kg] | 1.02 | 1.40 |
| Power Drift [dB] | | -0.07 |
| M2/M1 [%] | | 65.0 |
| Dist 3dB Peak [mm] | | 3.1 |



Measurement Report for SM-F956B, TILT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.71 | 4.93 | 36.0 |

Hardware Setup

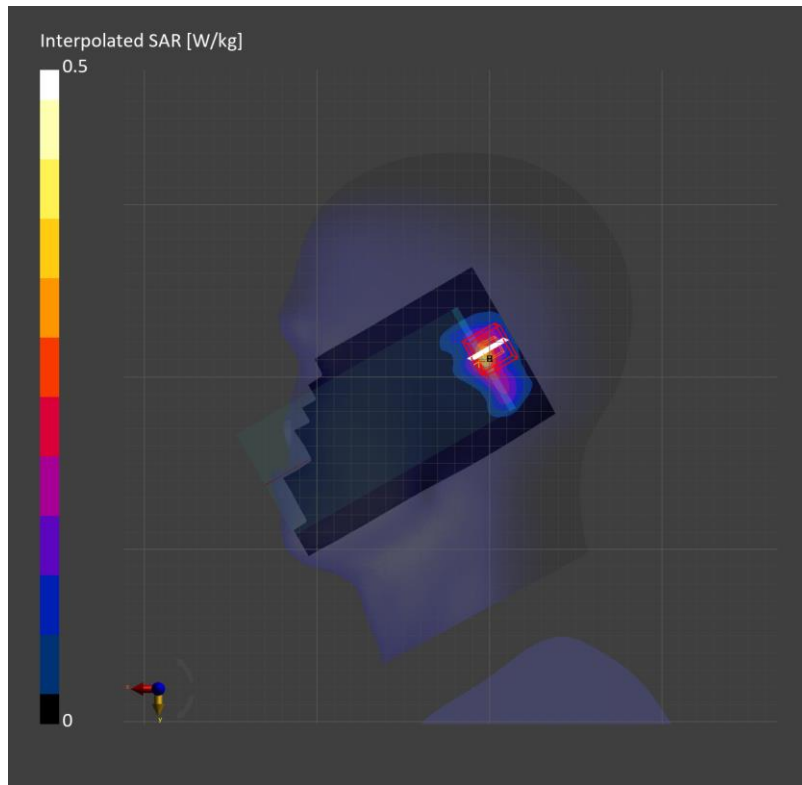
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.238 | 0.265 |
| psSAR10g [W/Kg] | 0.086 | 0.093 |
| Power Drift [dB] | | 0.14 |
| M2/M1 [%] | | 62.1 |
| Dist 3dB Peak [mm] | | 9.2 |



Measurement Report for SM-F956B, CHEEK, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.71 | 4.93 | 36.0 |

Hardware Setup

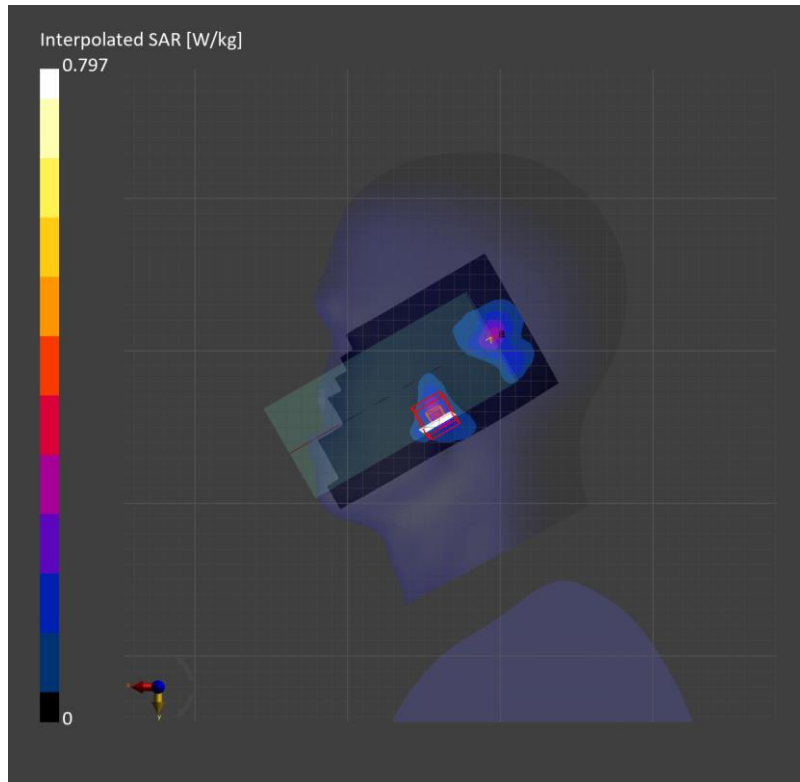
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.236 | 0.232 |
| psSAR10g [W/Kg] | 0.078 | 0.075 |
| Power Drift [dB] | | -0.15 |
| M2/M1 [%] | | 66.0 |
| Dist 3dB Peak [mm] | | 5.7 |



Measurement Report for SM-F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.76 | 5.00 | 34.5 |

Hardware Setup

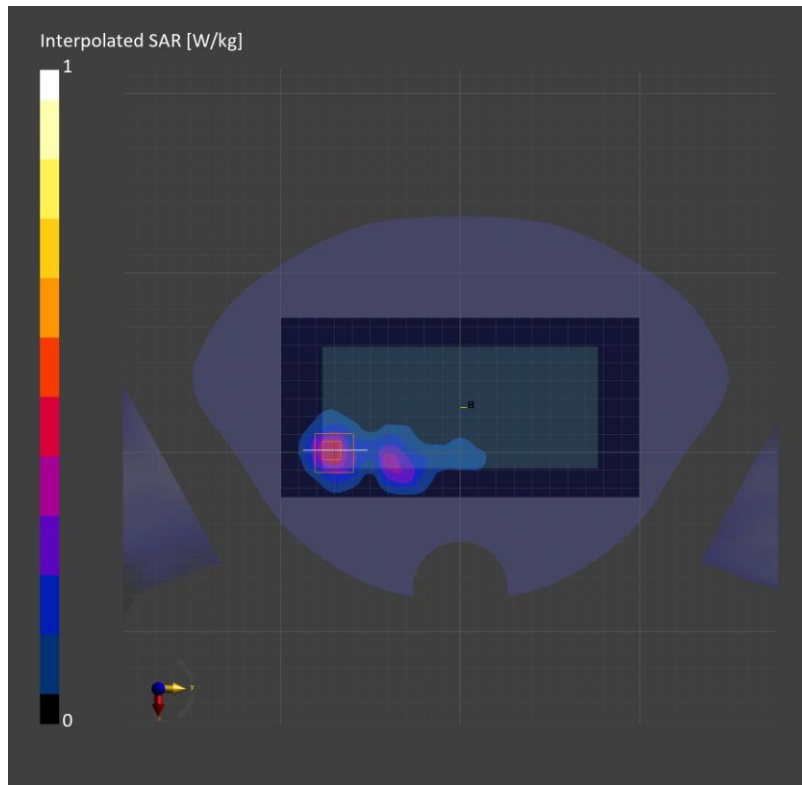
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.352 | 0.389 |
| psSAR10g [W/Kg] | 0.130 | 0.135 |
| Power Drift [dB] | | -0.09 |
| M2/M1 [%] | | 67.8 |
| Dist 3dB Peak [mm] | | 9.7 |



Measurement Report for SM-F956B, EDGE TOP, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 0.00 | U-NII-2C < 5.65 GHz | WLAN, 10626-AAC | 5610.0 | 4.76 | 5.00 | 34.5 |

Hardware Setup

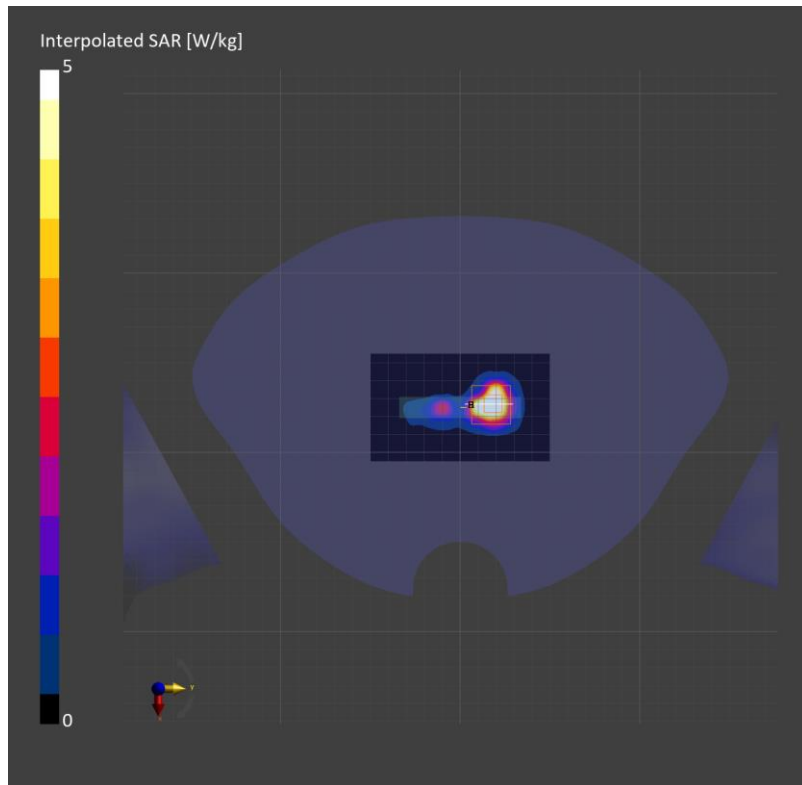
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 3.8 x 3.8 x 1.4 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 4.42 | 5.58 |
| psSAR10g [W/Kg] | 1.35 | 1.63 |
| Power Drift [dB] | 0.00 | |
| M2/M1 [%] | 58.7 | |
| Dist 3dB Peak [mm] | 4.5 | |



Measurement Report for SM-F956B, CHEEK, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 155 (5775.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | U-NII-2C, U-NII-3 | WLAN, 10626-AAC | 5775.0 | 4.67 | 5.18 | 35.7 |

Hardware Setup

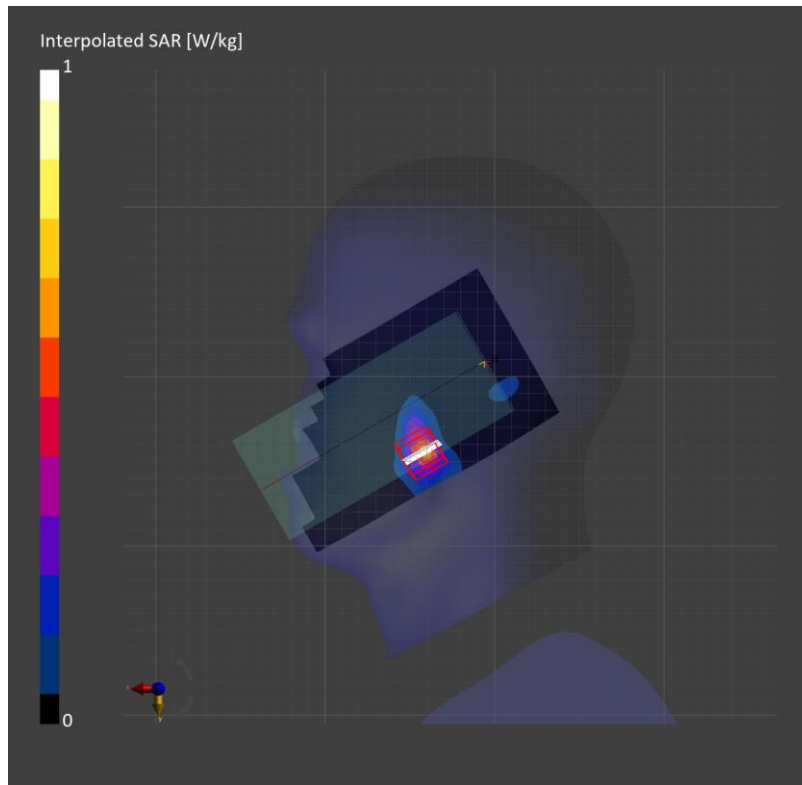
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.431 | 0.446 |
| psSAR10g [W/Kg] | 0.142 | 0.142 |
| Power Drift [dB] | 0.01 | |
| M2/M1 [%] | 64.3 | |
| Dist 3dB Peak [mm] | 6.4 | |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 155 (5775.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | U-NII-2C, U-NII-3 | WLAN, 10626-AAC | 5775.0 | 4.85 | 5.18 | 34.2 |

Hardware Setup

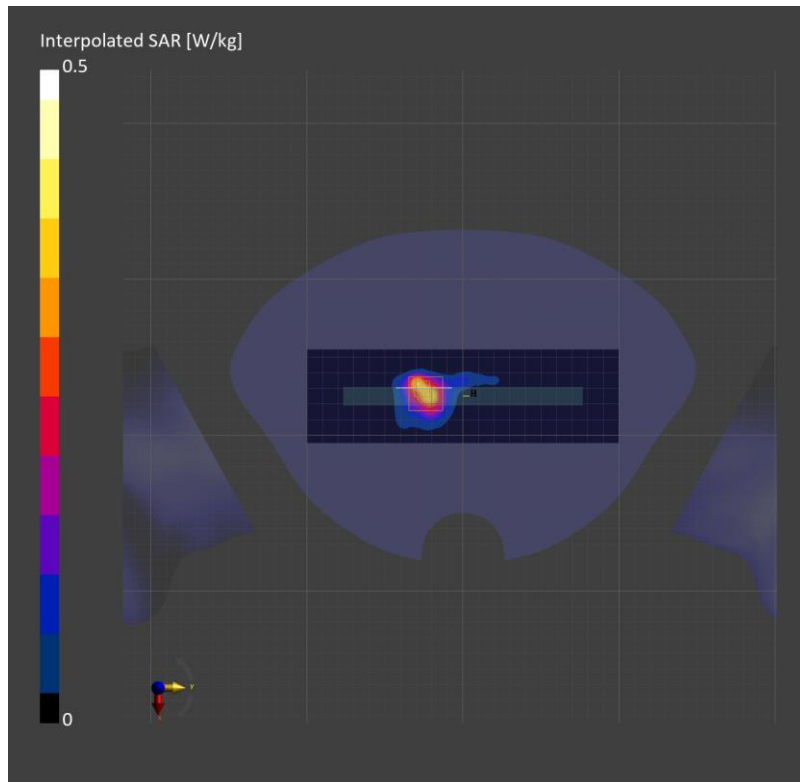
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.274 | 0.324 |
| psSAR10g [W/Kg] | 0.10 | 0.097 |
| Power Drift [dB] | | 0.11 |
| M2/M1 [%] | | 67.1 |
| Dist 3dB Peak [mm] | | 5.8 |



Measurement Report for SM-F956B, CHEEK, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 155 (5775.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | CHEEK, 0.00 | U-NII-2C, U-NII-3 | WLAN, 10626-AAC | 5775.0 | 4.67 | 5.18 | 35.7 |

Hardware Setup

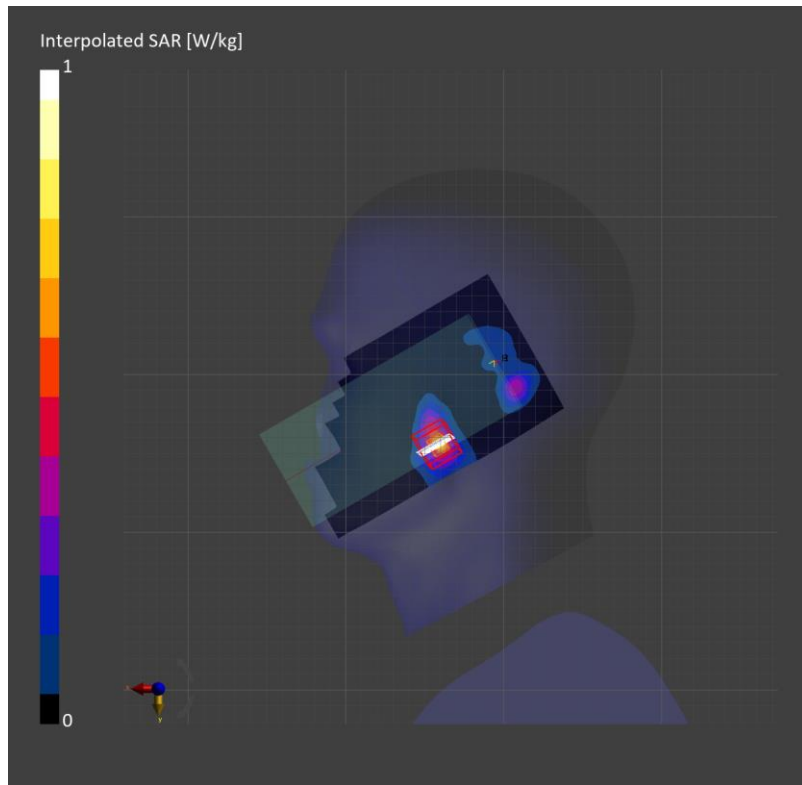
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.484 | 0.482 |
| psSAR10g [W/Kg] | 0.159 | 0.155 |
| Power Drift [dB] | | -0.12 |
| M2/M1 [%] | | 64.0 |
| Dist 3dB Peak [mm] | | 6.6 |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 155 (5775.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------------------|-----------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 10.00 | U-NII-2C, U-NII-3 | WLAN, 10626-AAC | 5775.0 | 4.85 | 5.18 | 34.2 |

Hardware Setup

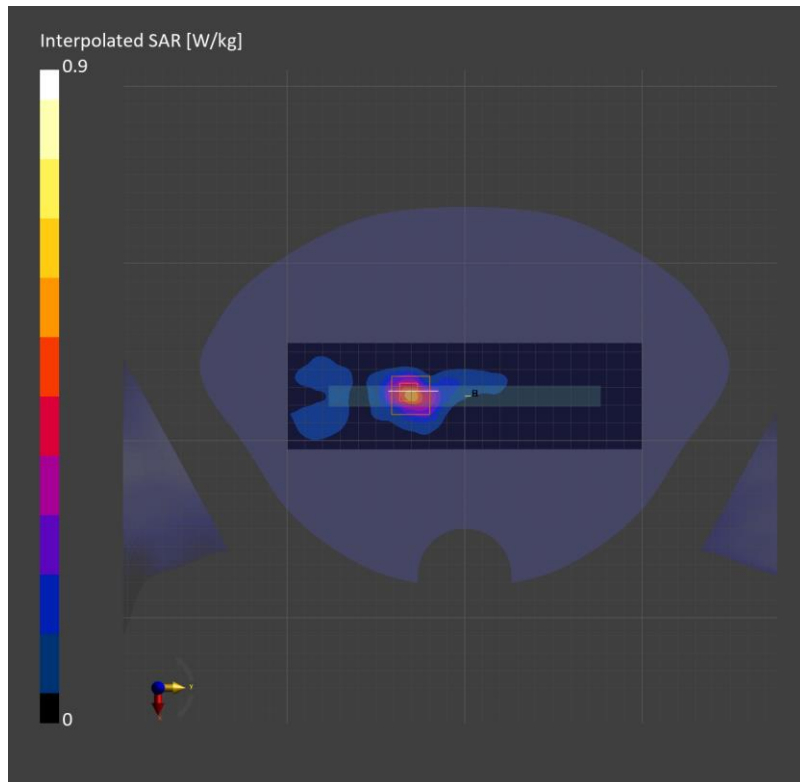
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 1991 | HBBL-600-10000 | EX3DV4 - SN7314, 2023-05-26 | DAE4 Sn1494, 2023-07-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.403 | 0.449 |
| psSAR10g [W/Kg] | 0.136 | 0.137 |
| Power Drift [dB] | | -0.12 |
| M2/M1 [%] | | 67.5 |
| Dist 3dB Peak [mm] | | 6.4 |



Measurement Report for SM-F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 5855000 (5855.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 0.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

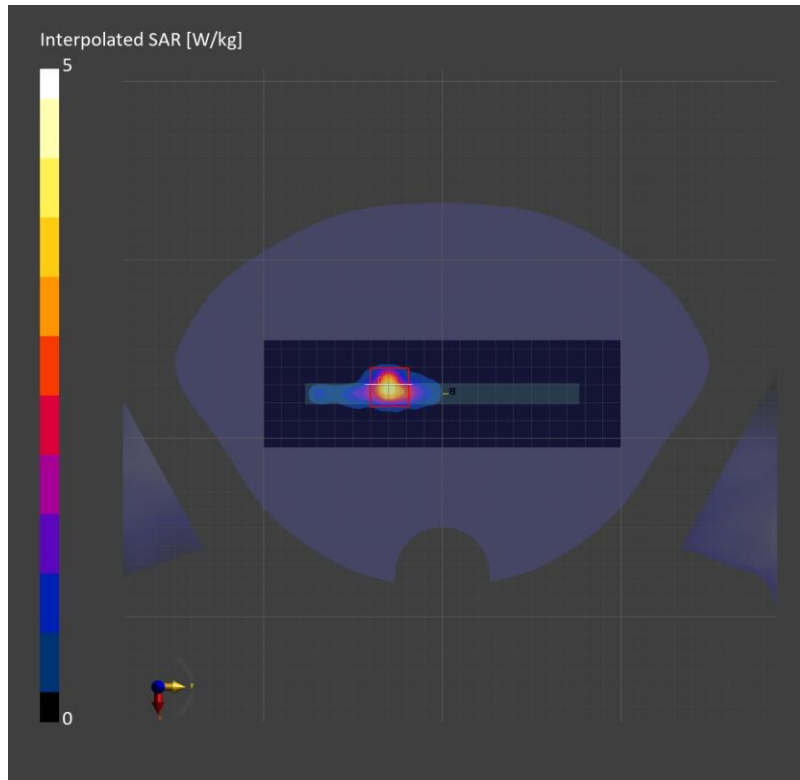
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.2 x 2.2 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 2.96 | 4.01 |
| psSAR10g [W/Kg] | 0.872 | 1.02 |
| Power Drift [dB] | | -0.15 |
| M2/M1 [%] | | 56.8 |
| Dist 3dB Peak [mm] | | 3.2 |



Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

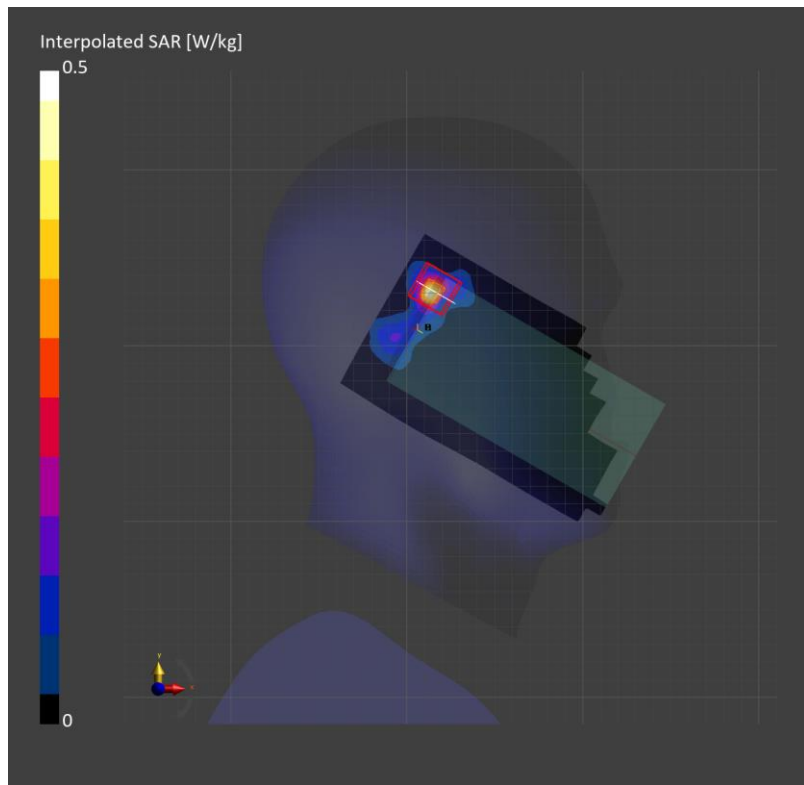
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.273 | 0.294 |
| psSAR10g [W/Kg] | 0.077 | 0.075 |
| Power Drift [dB] | -0.06 | |
| M2/M1 [%] | 63.2 | |
| Dist 3dB Peak [mm] | 4.9 | |



Measurement Report for SM-F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 5855000 (5855.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

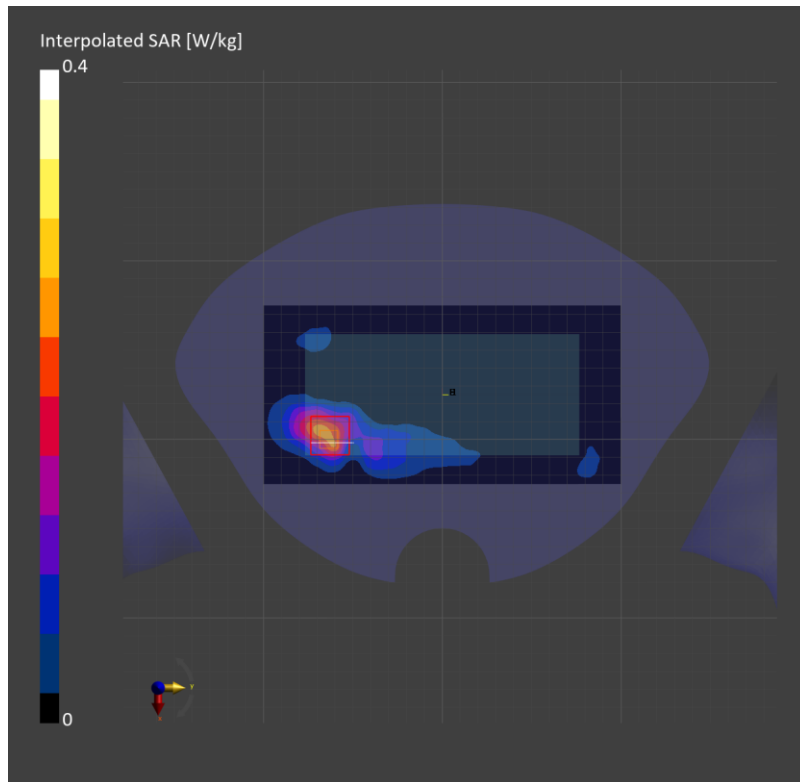
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.188 | 0.184 |
| psSAR10g [W/Kg] | 0.073 | 0.066 |
| Power Drift [dB] | | -0.18 |
| M2/M1 [%] | | 64.6 |
| Dist 3dB Peak [mm] | | 7.4 |



Measurement Report for SM_F956B, EDGE RIGHT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 5855000 (5855.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE RIGHT, 0.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

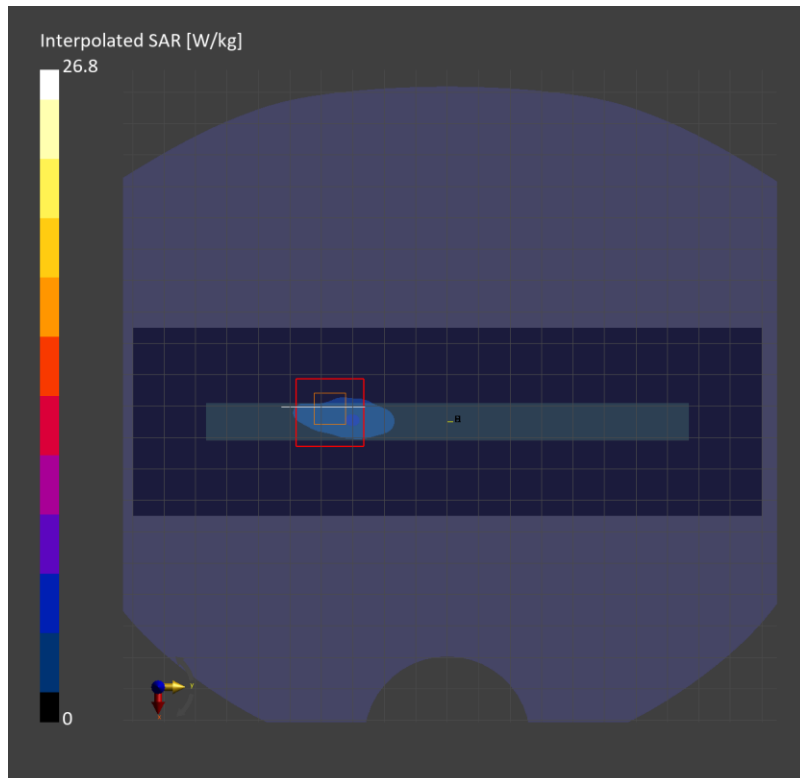
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 200.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm] | 10.0 x 10.0 | 2.2 x 2.2 x 1.2 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 3.06 | 3.83 |
| psSAR10g [W/Kg] | 0.924 | 1.01 |
| Power Drift [dB] | | -0.07 |
| M2/M1 [%] | | 60.8 |
| Dist 3dB Peak [mm] | | 3.1 |



Measurement Report for SM_F956B, TILT, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 5855000 (5855.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| LeftHead, HSL | TILT, 0.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

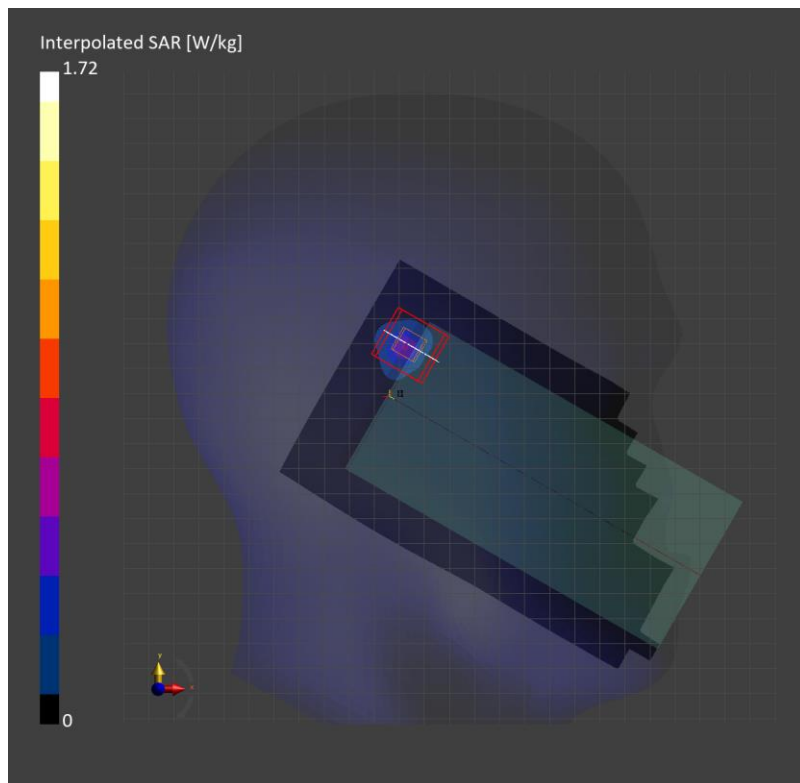
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.356 | 0.382 |
| psSAR10g [W/Kg] | 0.097 | 0.092 |
| Power Drift [dB] | | 0.12 |
| M2/M1 [%] | | 60.1 |
| Dist 3dB Peak [mm] | | 5.4 |



Measurement Report for SM_F956B, REAR, Wi-Fi (U-NII Bands), IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 5855000 (5855.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|---------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | U-NII 4 | CW, 10626-AAC | 5855.0 | 4.67 | 5.14 | 35.8 |

Hardware Setup

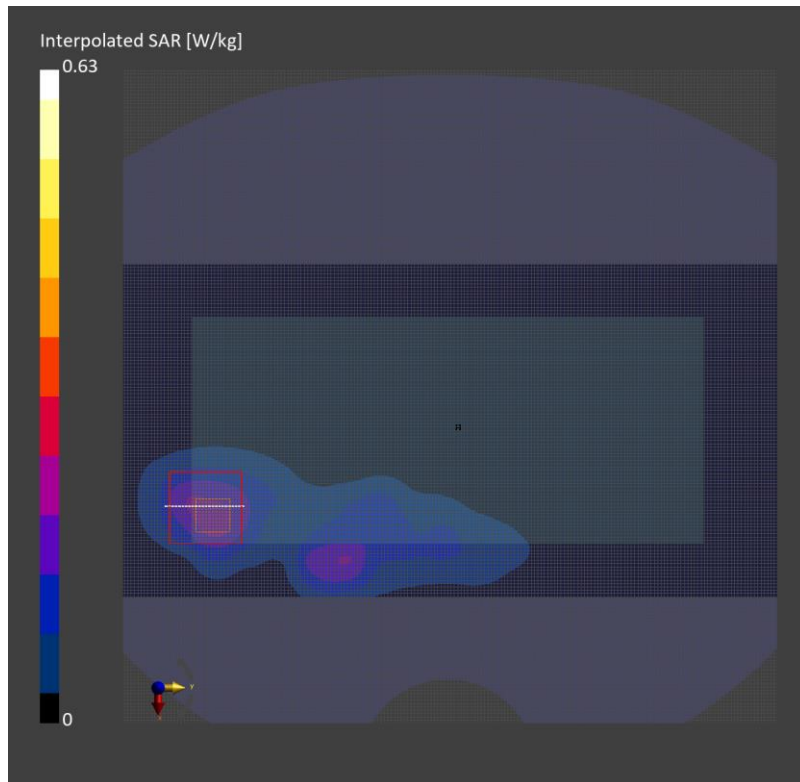
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2039 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.181 | 0.174 |
| psSAR10g [W/Kg] | 0.070 | 0.062 |
| Power Drift [dB] | | -0.29 |
| M2/M1 [%] | | 63.2 |
| Dist 3dB Peak [mm] | | 9.0 |



Measurement Report for SM-F956B, TILT, ISM 2.4 GHz Band, Bluetooth Low Energy, Channel 19 (2440.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | ISM 2.4 GHz Band | Bluetooth, 10670-AAA | 2440.0 | 6.96 | 1.79 | 39.0 |

Hardware Setup

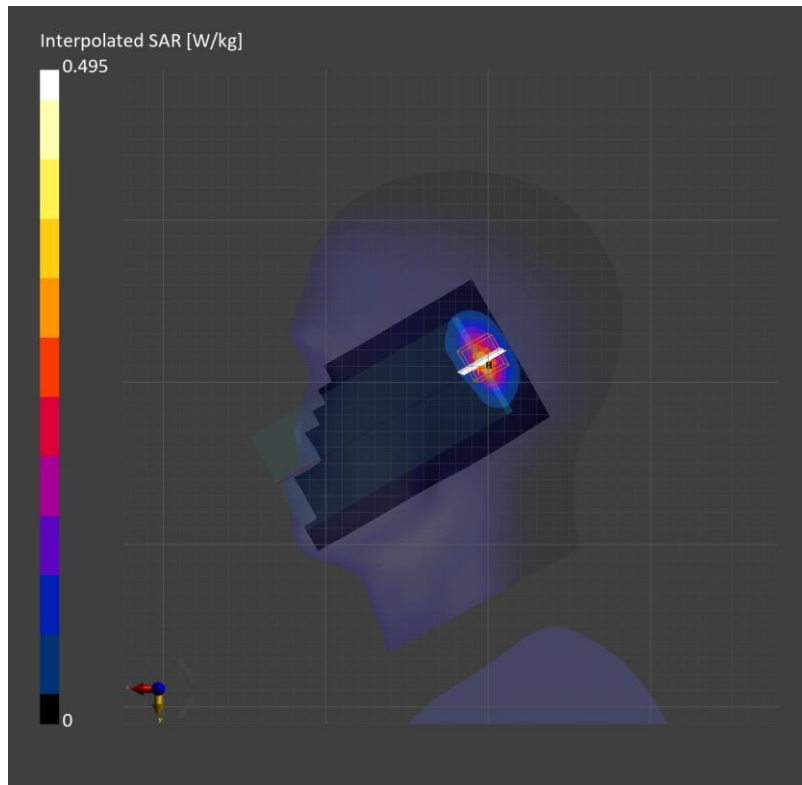
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.253 | 0.247 |
| psSAR10g [W/Kg] | 0.116 | 0.115 |
| Power Drift [dB] | | 0.10 |
| M2/M1 [%] | | 82.4 |
| Dist 3dB Peak [mm] | | 7.7 |



Measurement Report for SM-F956B, REAR, ISM 2.4 GHz Band, Bluetooth Low Energy, Channel 38 (2440.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 10.00 | ISM 2.4 GHz Band | Bluetooth, 10670-AAA | 2440.0 | 6.96 | 1.79 | 39.0 |

Hardware Setup

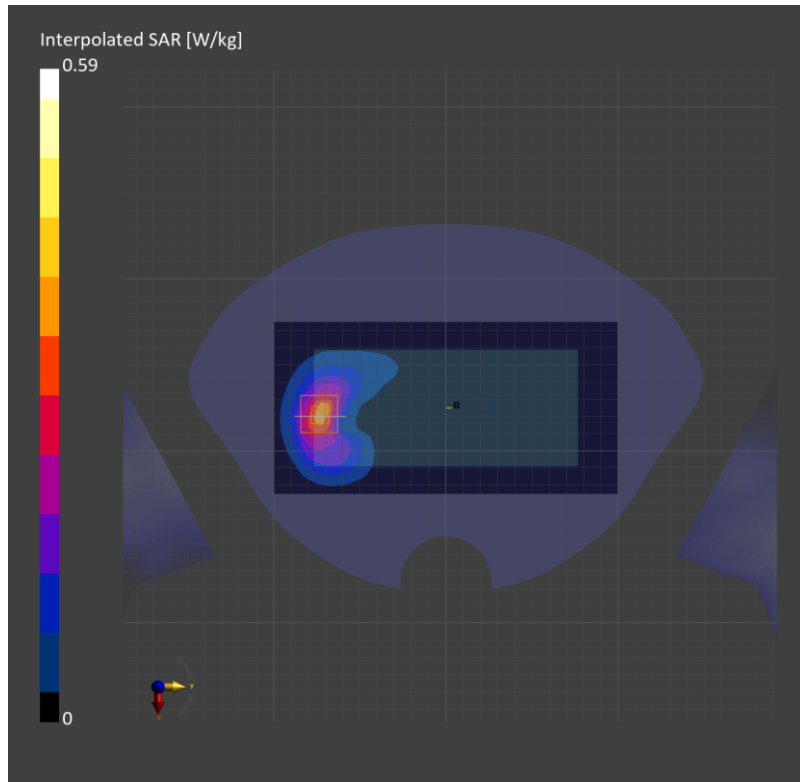
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.298 | 0.309 |
| psSAR10g [W/Kg] | 0.147 | 0.151 |
| Power Drift [dB] | | -0.00 |
| M2/M1 [%] | | 82.8 |
| Dist 3dB Peak [mm] | | 8.3 |



Measurement Report for SM-F956B, TILT, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 39 (2441.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|-----------------|-------------------|------------------------|------------------|
| RightHead, HSL | TILT, 0.00 | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2441.0 | 6.96 | 1.80 | 39.0 |

Hardware Setup

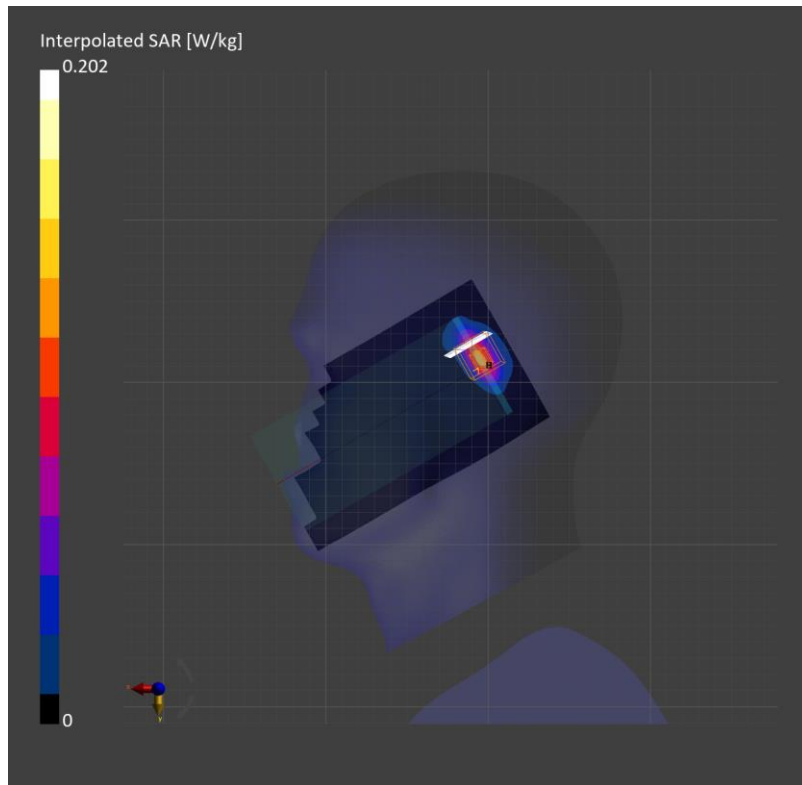
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 100.0 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.095 | 0.094 |
| psSAR10g [W/Kg] | 0.041 | 0.043 |
| Power Drift [dB] | 0.04 | |
| M2/M1 [%] | 80.6 | |
| Dist 3dB Peak [mm] | 7.1 | |



Measurement Report for SM-F956B, EDGE TOP, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 39 (2441.0 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | EDGE TOP, 10.00 | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2441.0 | 6.96 | 1.80 | 39.0 |

Hardware Setup

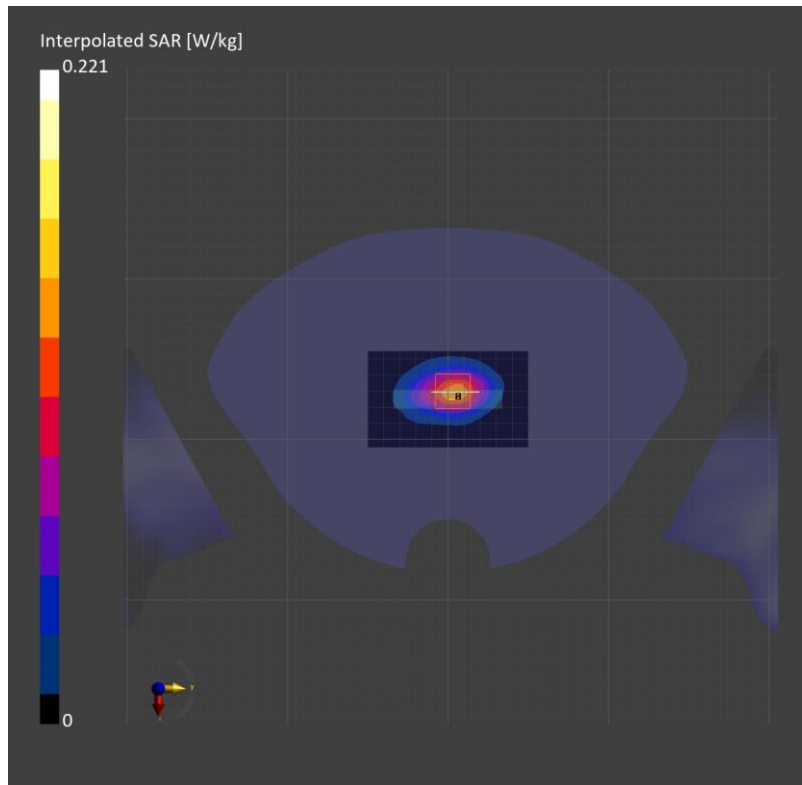
| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|---|--------------------------------|-----------------------------|-------------------------|
| Twin-SAM V8.0 (30deg probe tilt) - 2038 | HBBL-600-10000 | EX3DV4 - SN7645, 2023-09-20 | DAE4 Sn1670, 2023-05-24 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|--------------|--------------------|
| Grid Extents [mm] | 60.0 x 100.0 | 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 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.115 | 0.117 |
| psSAR10g [W/Kg] | 0.059 | 0.059 |
| Power Drift [dB] | | -0.11 |
| M2/M1 [%] | | 81.6 |
| Dist 3dB Peak [mm] | | 11.1 |



Measurement Report for SM-F956B, REAR, CLA13, CW, Channel 13600 (13.6 MHz)

Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz] | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-------|------------|-----------------|-------------------|------------------------|------------------|
| Flat, HSL | REAR, 0.00 | CLA13 | CW, 0-- | 13.6 | 16.33 | 0.717 | 56.6 |

Hardware Setup

| Phantom | TSL (Tissue Simulating Liquid) | Probe, Calibration Date | DAE, Calibration Date |
|------------------------------------|--------------------------------|-----------------------------|------------------------|
| ELI V6.0 (20deg probe tilt) - 2005 | HBBL-600-10000 | EX3DV4 - SN7313, 2024-02-21 | DAE4 Sn912, 2023-11-17 |

Scans Setup

| | Area Scan | Zoom Scan |
|---------------------|---------------|--------------------|
| Grid Extents [mm] | 120.0 x 210.0 | 36.0 x 36.0 x 30.0 |
| Grid Steps [mm] | 15.0 x 15.0 | 6.0 x 6.0 x 1.5 |
| Sensor Surface [mm] | 3.0 | 1.4 |

Measurement Results

| | Area Scan | Zoom Scan |
|--------------------|-----------|-----------|
| psSAR1g [W/Kg] | 0.023 | 0.028 |
| psSAR10g [W/Kg] | 0.016 | 0.011 |
| Power Drift [dB] | 0.05 | |
| M2/M1 [%] | 62.5 | |
| Dist 3dB Peak [mm] | 7.2 | |

