

APPENDIX B - SAR PLOTS

Test Plot 1#: GSM 850 High Body Back

DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3

Communication System: Generic GPRS-3 slots (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.66
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 41.321$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 848.8 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.777 W/kg

Zoom Scan (5x5x7) /Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.00 V/m; Power Drift = 0.01 dB

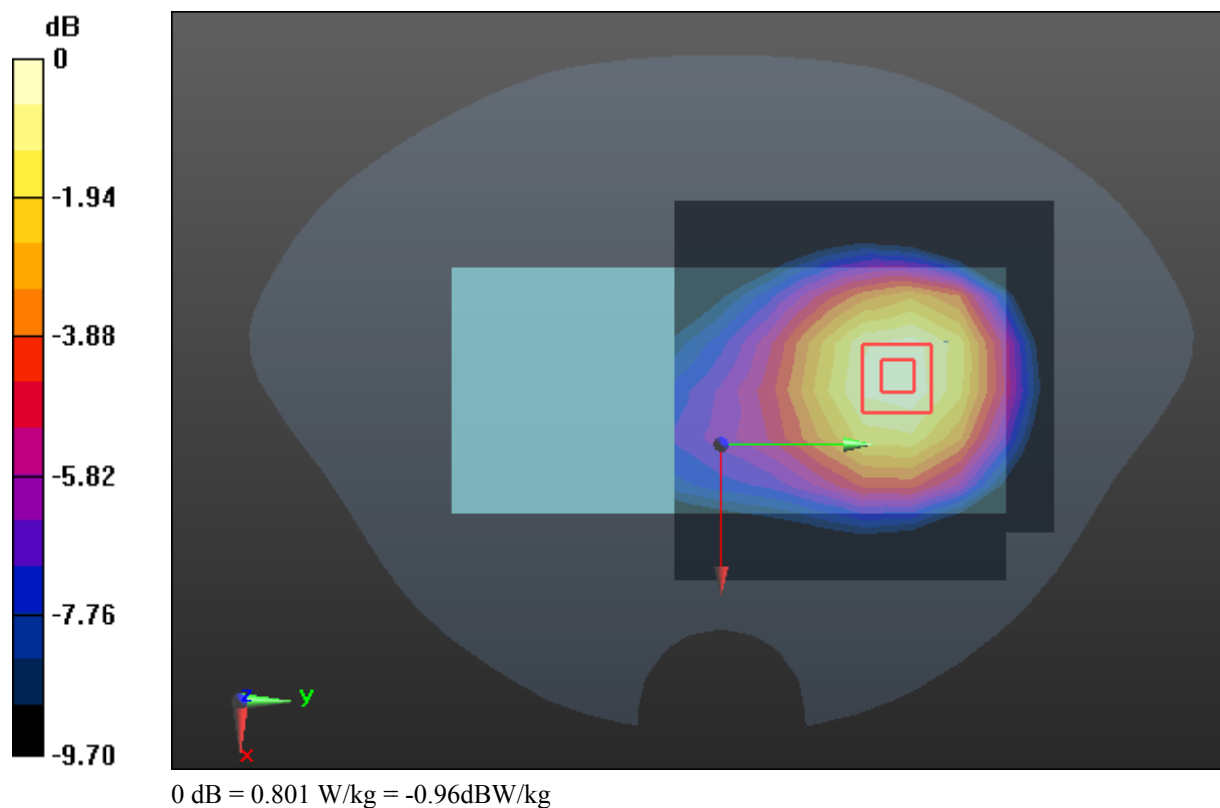
Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.530 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 = 76.9%

Maximum value of SAR (measured) = 0.801 W/kg



Test Plot 2#: PCS 1900 Mid Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic GPRS-3 slots (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 39.316$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x15x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.496 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.283 V/m; Power Drift = 0.19 dB

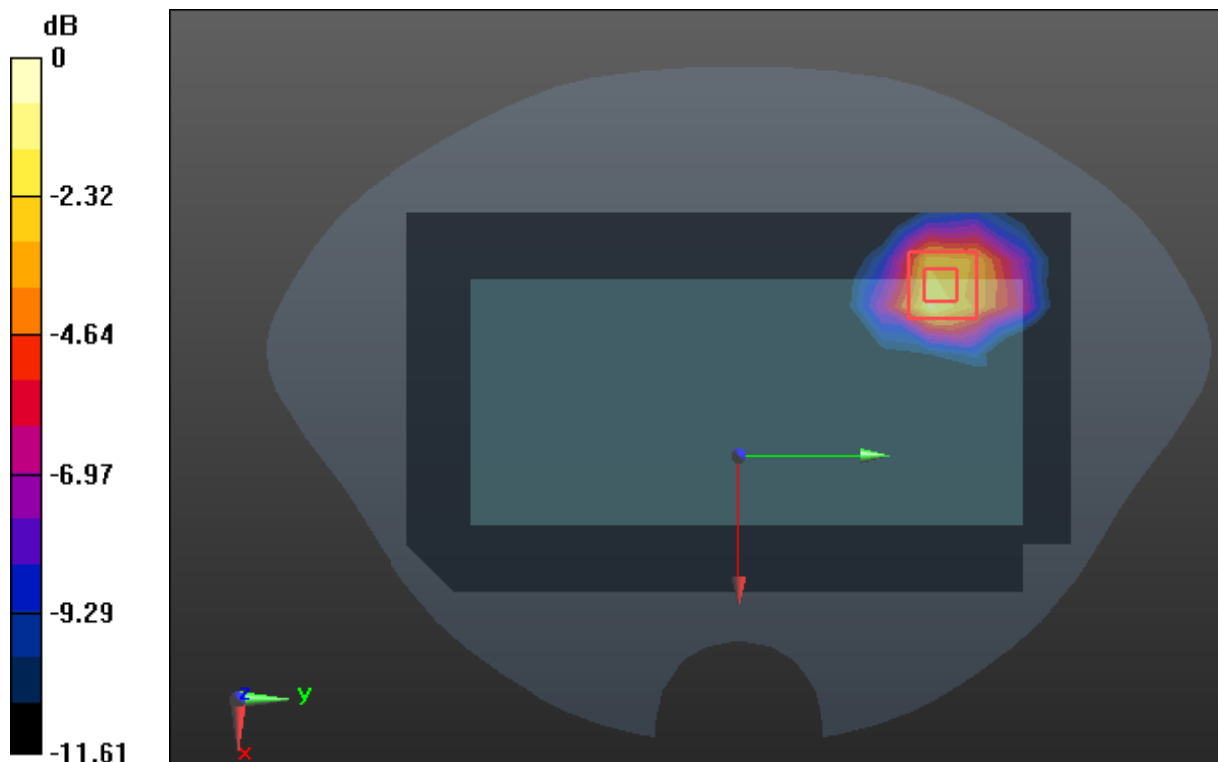
Peak SAR (extrapolated) = 0.849 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.273 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.661 W/kg



0 dB = 0.661 W/kg = -1.80dBW/kg

Test Plot 3#: WCDMA Band 2 Low Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 39.421$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1852.4 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x9x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.804 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.861 V/m; Power Drift = 0.12 dB

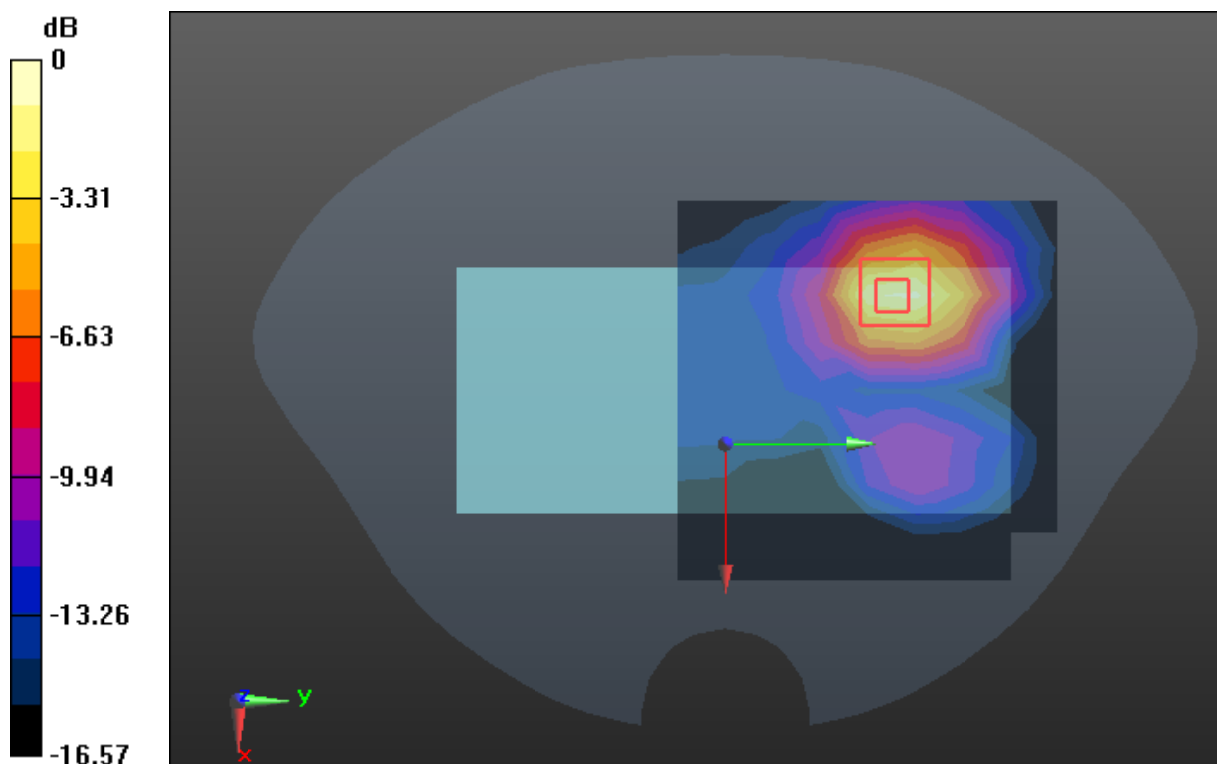
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.428 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.4%

Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg = -0.19dBW/kg

Test Plot 4#: WCDMA Band 4 High Body Front**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 39.03$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.53, 5.53, 5.53) @ 1752.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x9x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.275 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.003 V/m; Power Drift = 0.12 dB

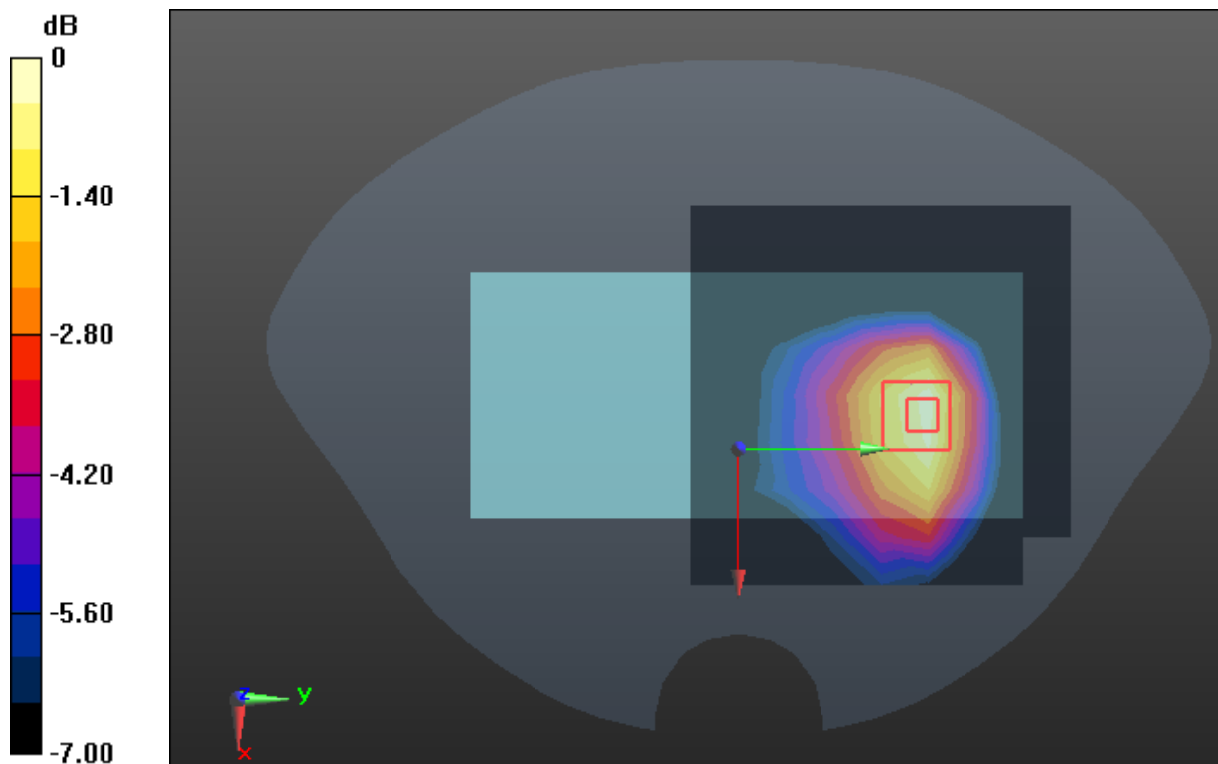
Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.165 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42dBW/kg

Test Plot 5#: WCDMA Band 5 High Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 41.352$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 846.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x9x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.720 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.10 V/m; Power Drift = 0.04 dB

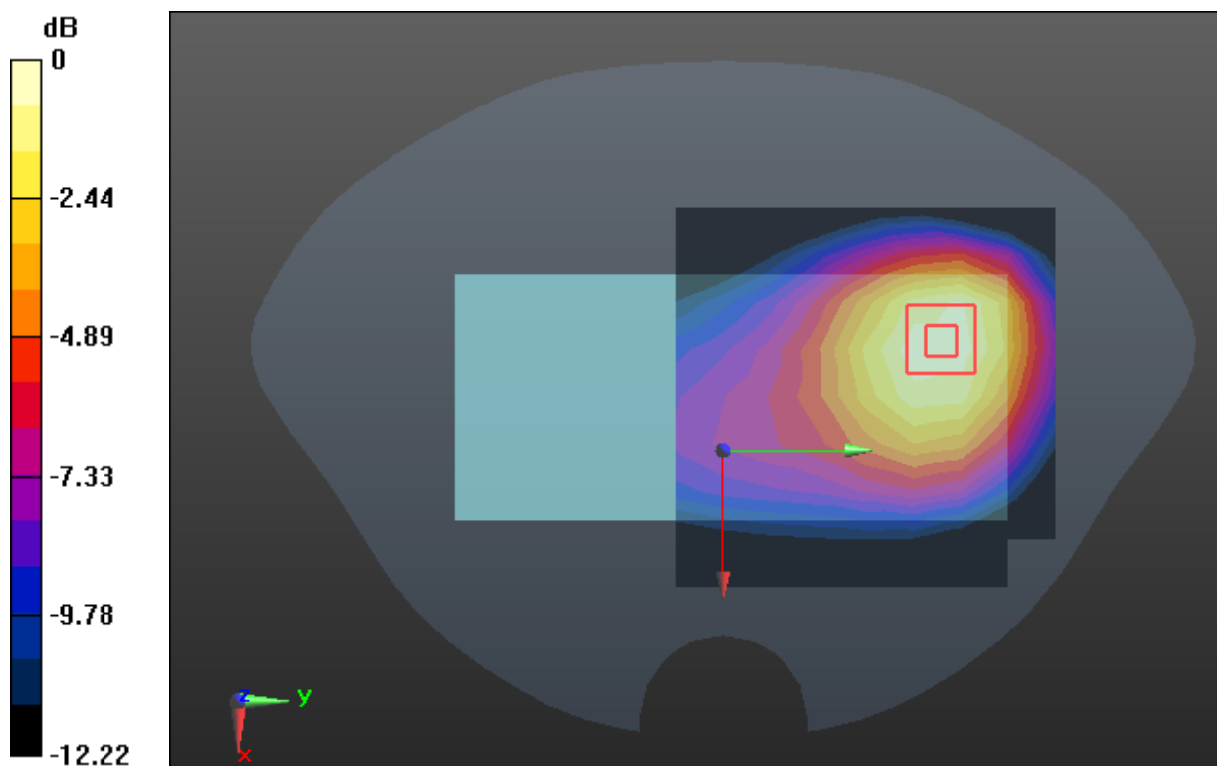
Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.479 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 74.6%

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.764 W/kg = -1.17dBW/kg

Test Plot 6#: LTE Band 7 1RB Mid Body Right**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 39.966$; $\rho = 1000$ kg/m³;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2535 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (8x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.15 W/kg

Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.363 V/m; Power Drift = 0.05 dB

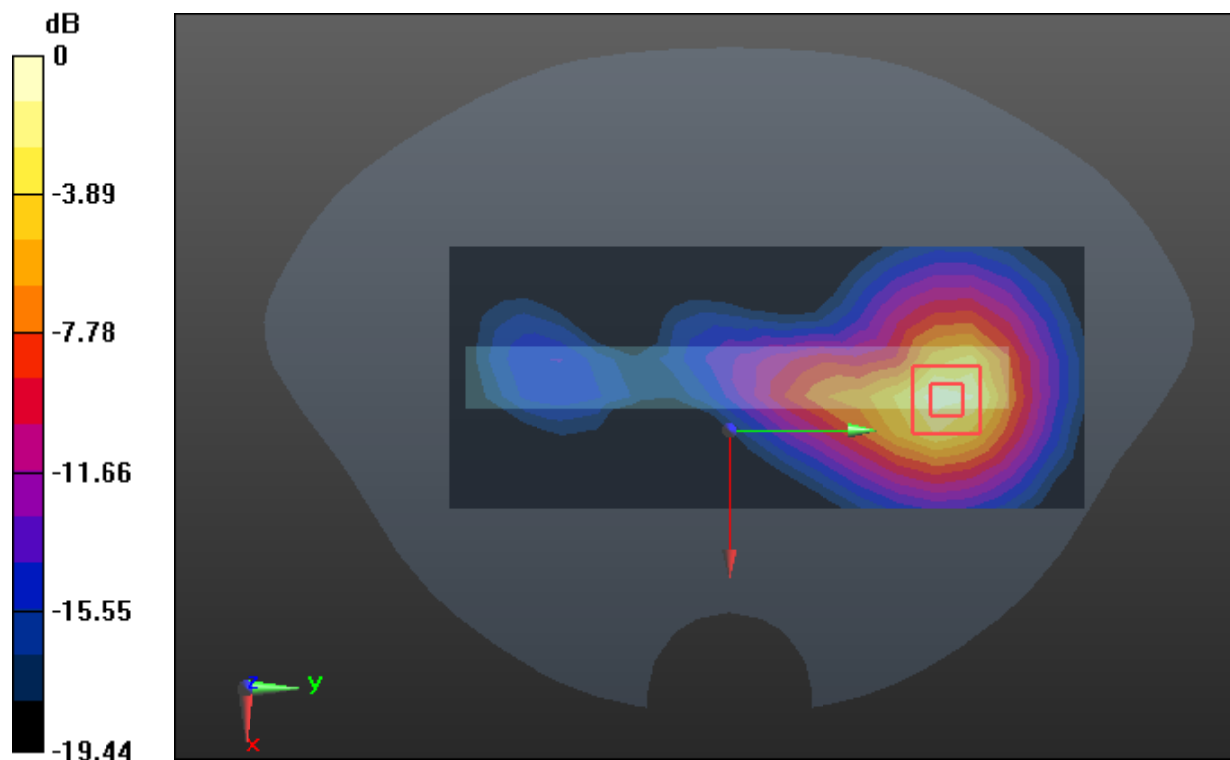
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.488 W/kg

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90dBW/kg

Test Plot 7#: LTE Band 12 1RB Low Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.153$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 704 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x14x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.157 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.60 V/m; Power Drift = 0.03 dB

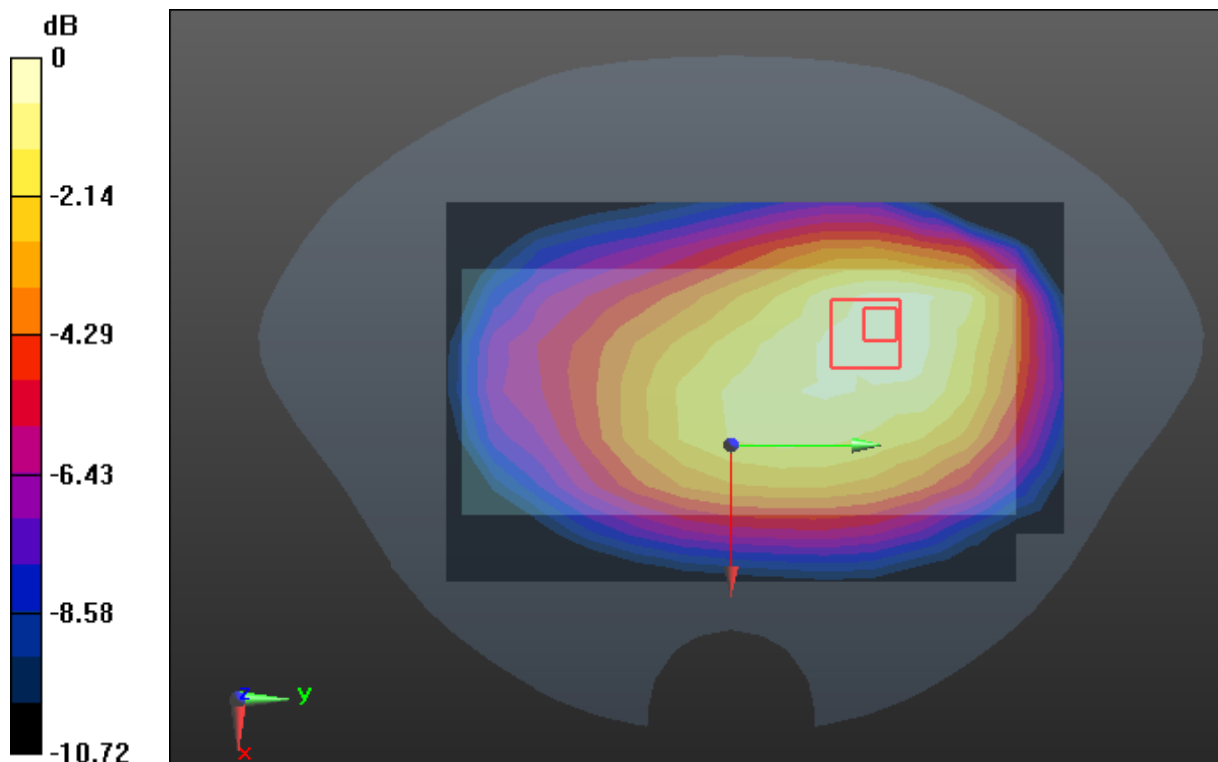
Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.109 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 = 73%

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77dBW/kg

Test Plot 8#: LTE Band 13 1RB Mid Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 42.155$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 782 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x14x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.208 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.51 V/m; Power Drift = -0.11 dB

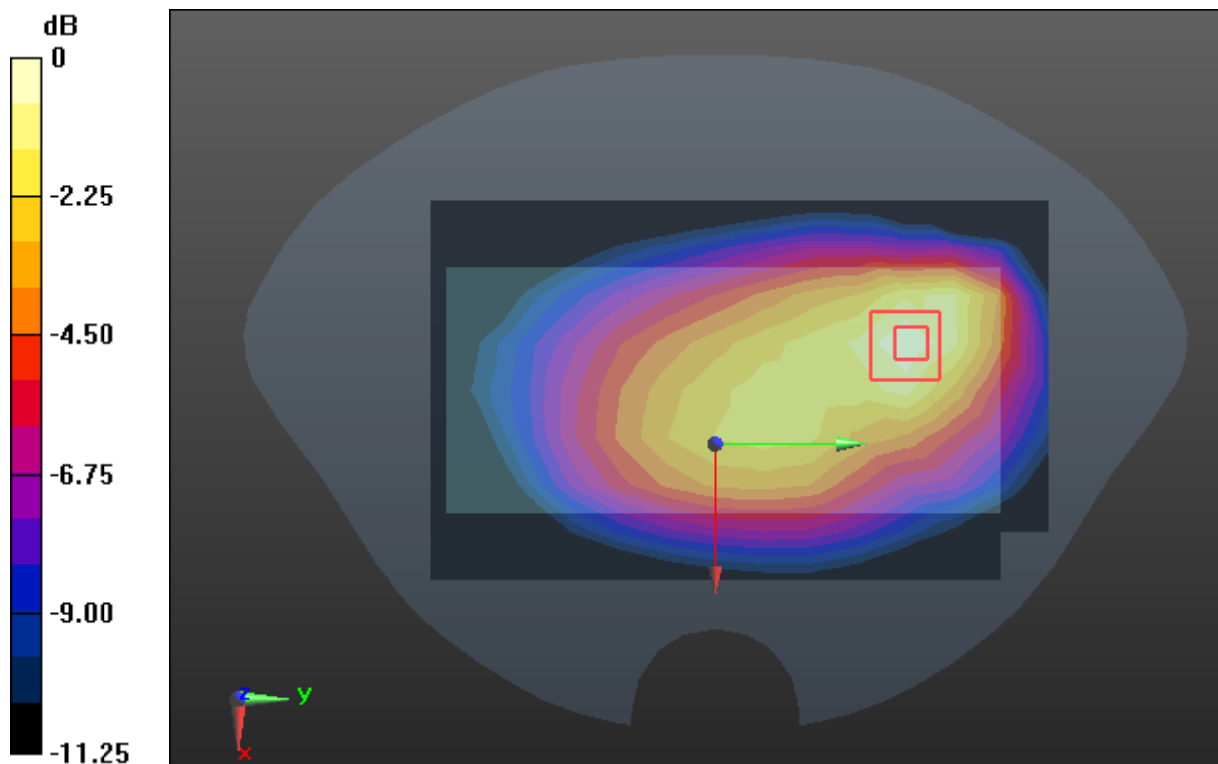
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.116 W/kg

Smallest distance from peaks to all points 3 dB below = 19.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.1%

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88dBW/kg

Test Plot 9#: LTE Band 25 1RB High Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.204$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1905 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x14x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.732 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.239 V/m; Power Drift = 0.11 dB

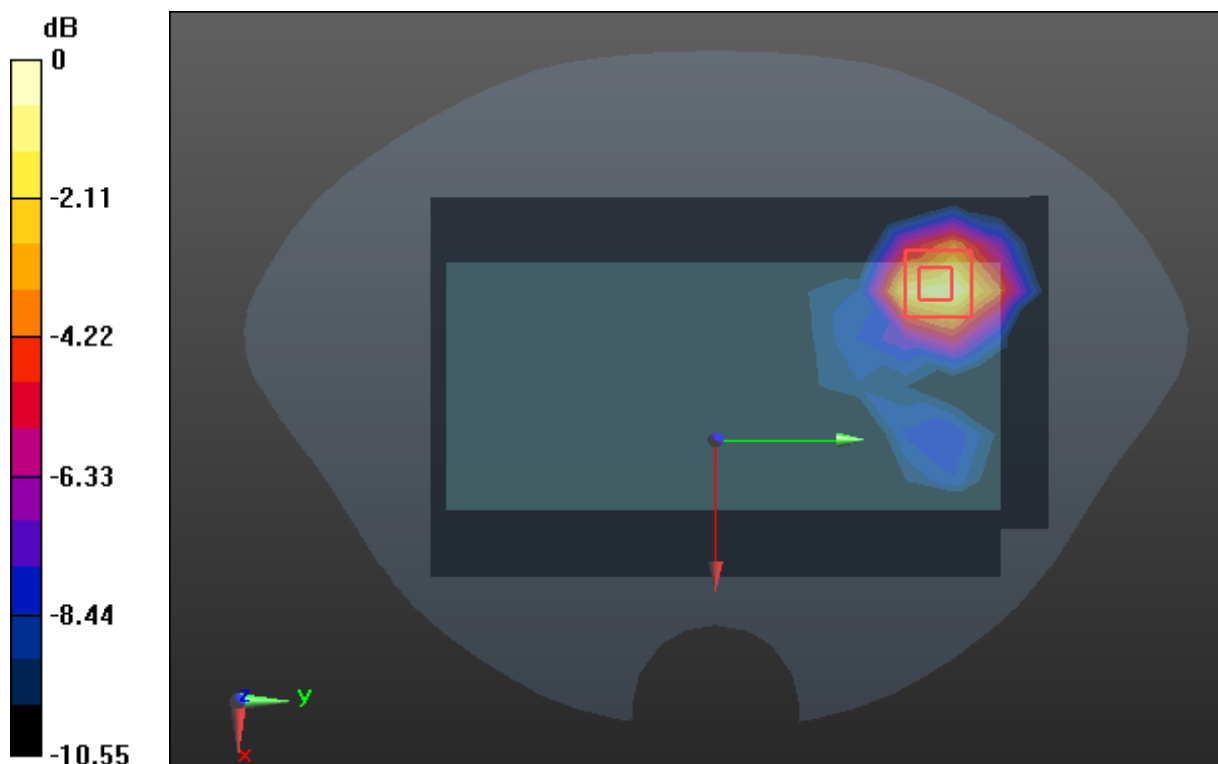
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84dBW/kg

Test Plot 10#: LTE Band 26 1RB High Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.424$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 841.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x14x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.469 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.316 V/m; Power Drift = 0.06 dB

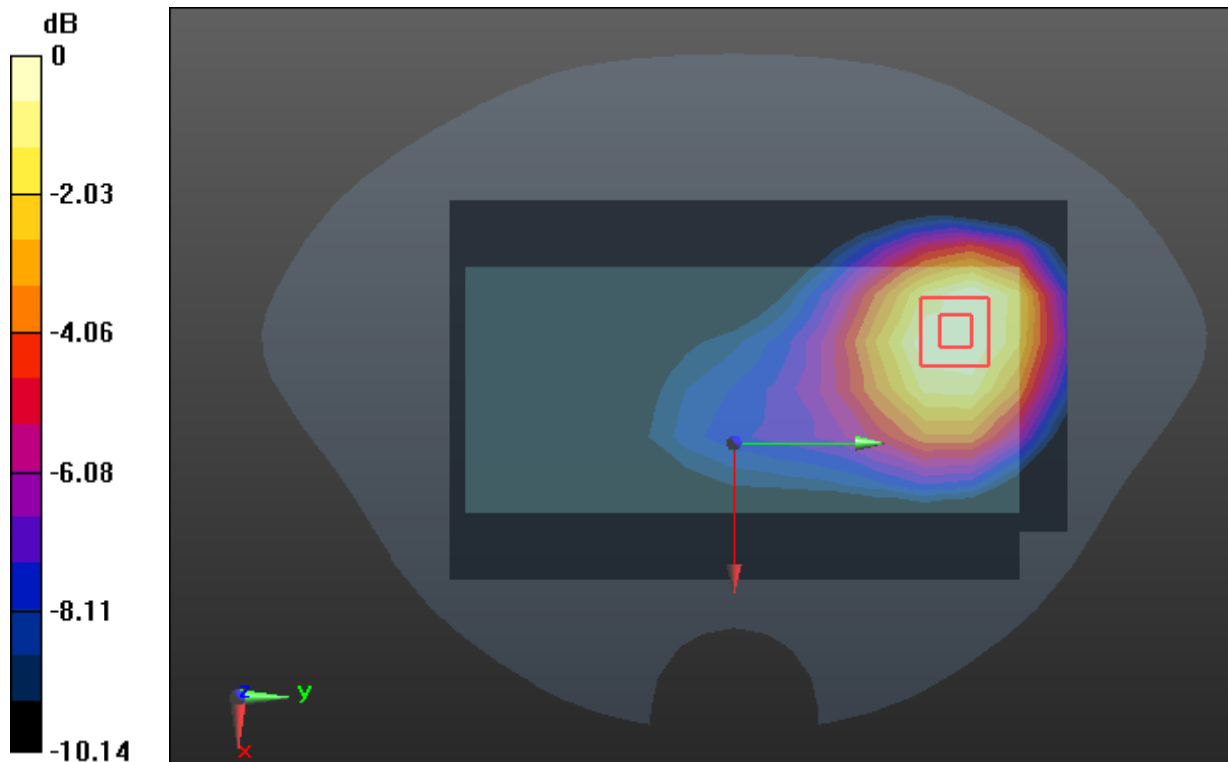
Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below = 18.3 mm

Ratio of SAR at M2 to SAR at M1 = 68.7%

Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50dBW/kg

Test Plot 11#: LTE Band 41 1RB Mid Body Right**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic TDD-LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2593$ MHz; $\sigma = 2.015$ S/m; $\epsilon_r = 40.233$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.66, 4.66, 4.66) @ 2593 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (8x18x1):Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.416 W/kg

Zoom Scan (7x7x7) /Cube 0:Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.678 V/m; Power Drift = 0.11 dB

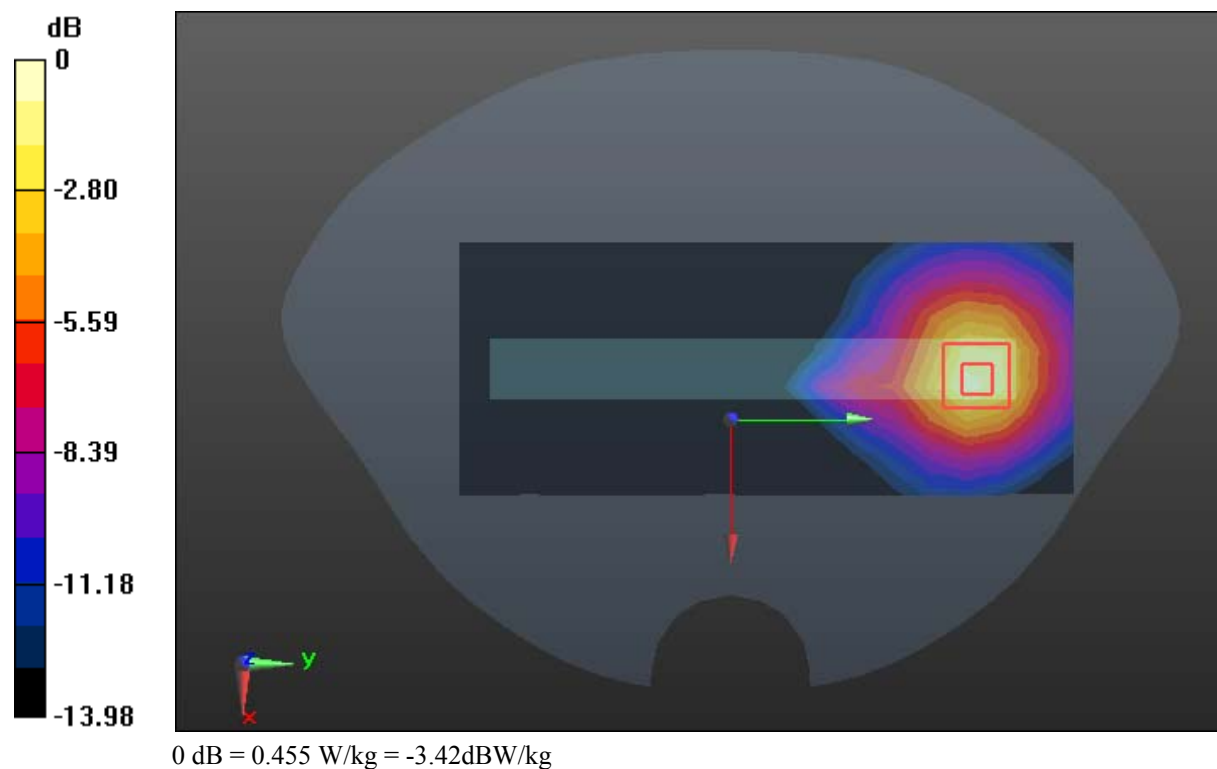
Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.455 W/kg



Test Plot 12#: LTE Band 66 1RB Mid Body Right**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 39.066$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.53, 5.53, 5.53) @ 1745 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (7x15x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.319 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.221 V/m; Power Drift = 0.02 dB

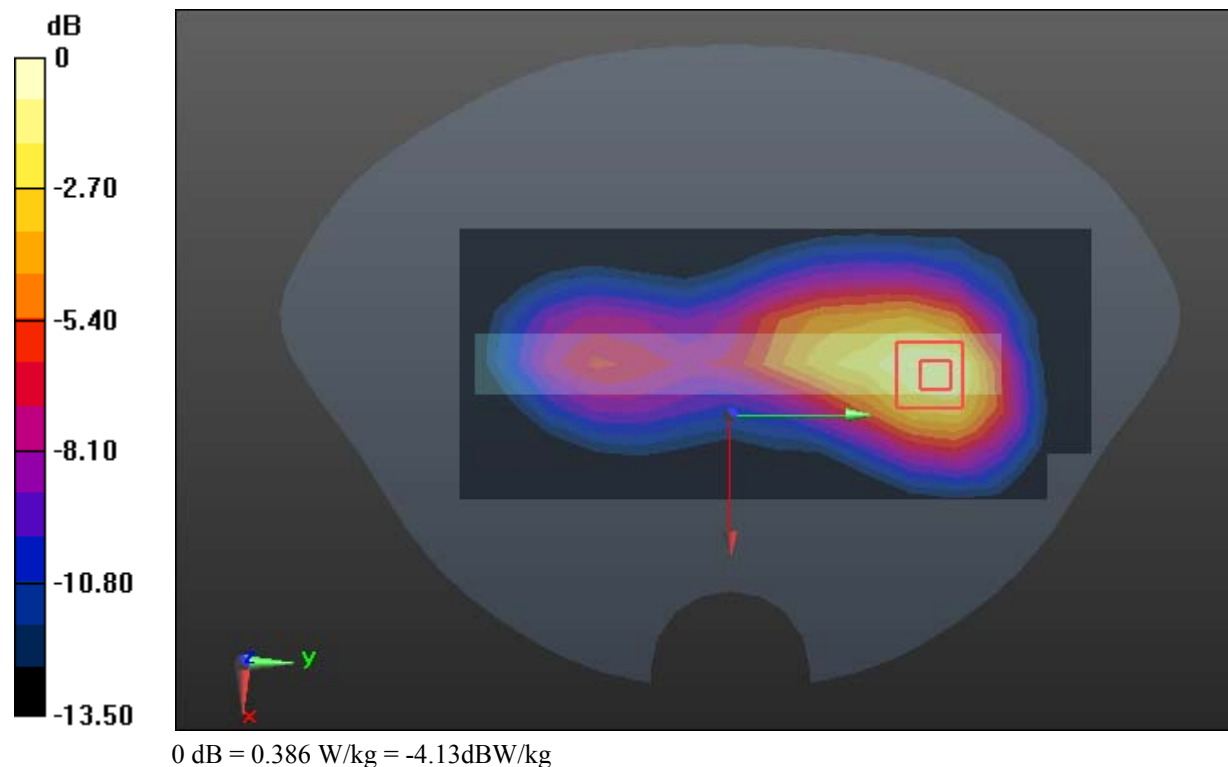
Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.204 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 0.386 W/kg



Test Plot 13#: LTE Band 71 50%RB Mid Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: Generic FDD-LTE (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.443$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 680.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x9x1):Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.142 W/kg

Zoom Scan (5x5x7) /Cube 0:Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.43 V/m; Power Drift = 0.04 dB

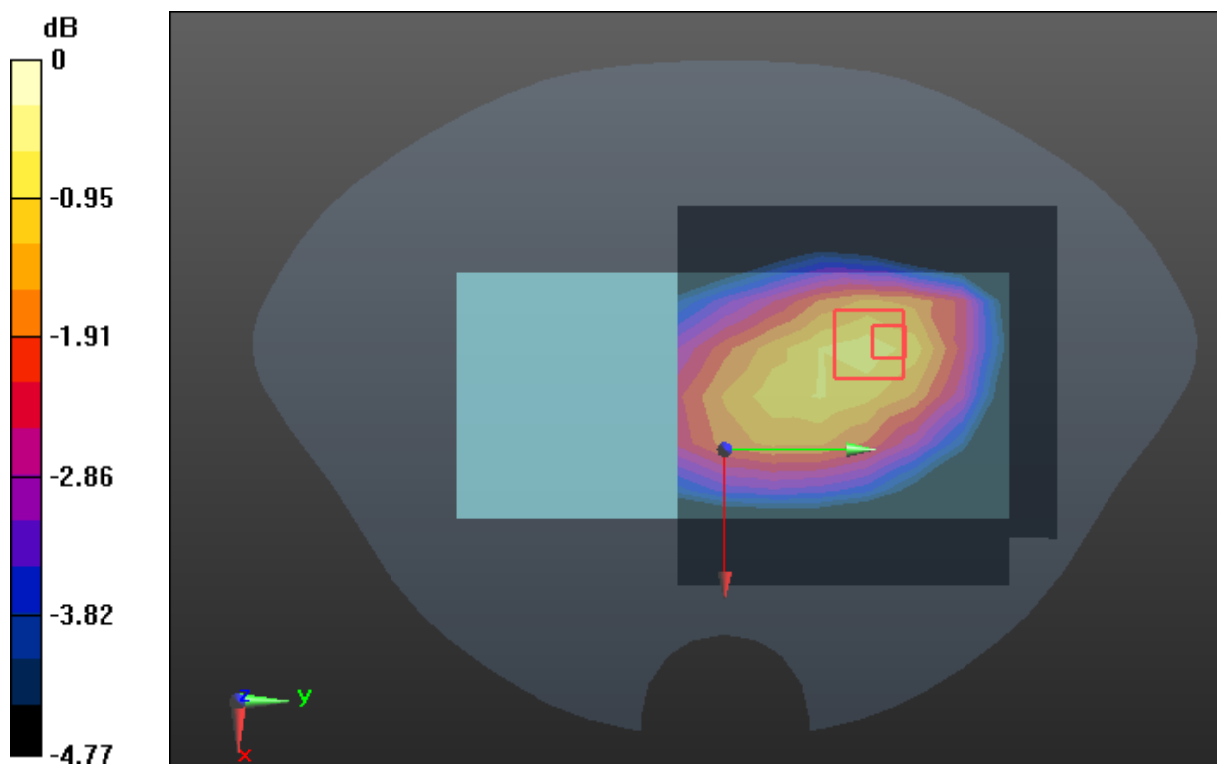
Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.106 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 = 75.4%

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77dBW/kg

Test Plot 14#: 2.4G WLAN High Body Left**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 40.208$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2462 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (8x11x1):Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00840 W/kg

Zoom Scan (7x7x7) /Cube 0:Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.033 V/m; Power Drift = 0.05 dB

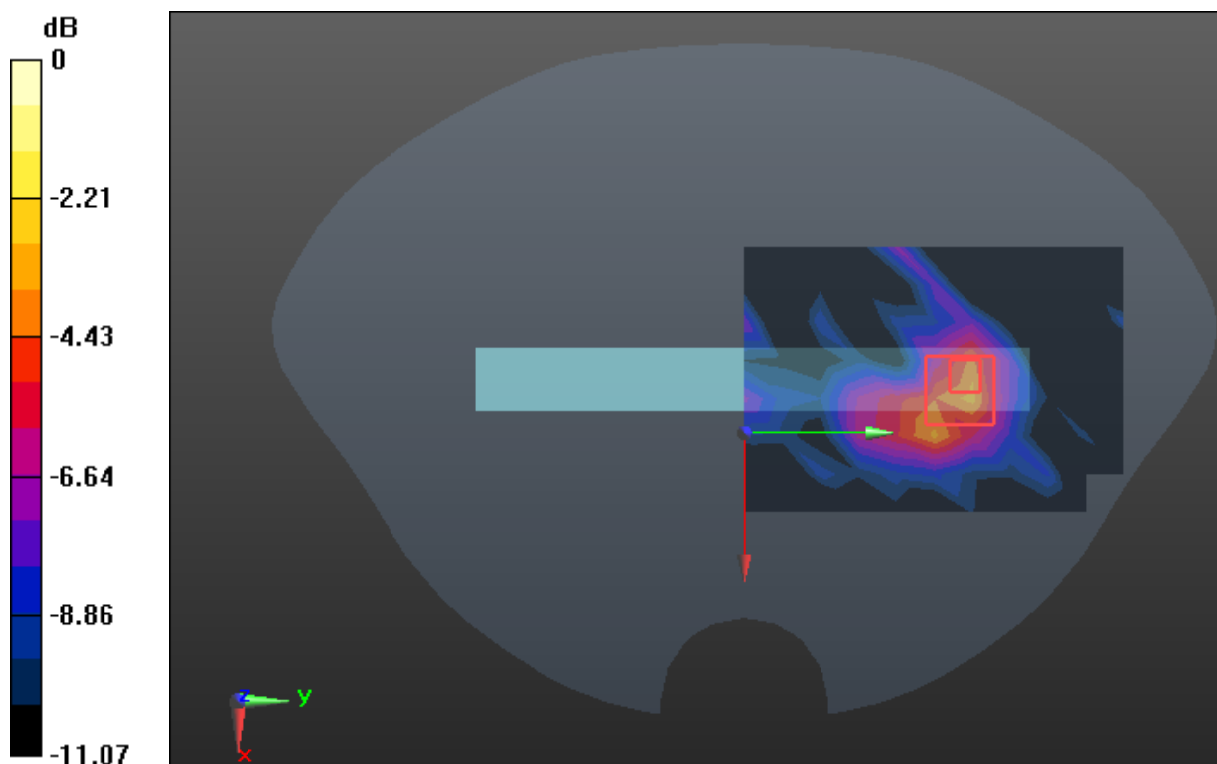
Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.00667 W/kg; SAR(10 g) = 0.00244 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 37%

Maximum value of SAR (measured) = 0.0180 W/kg



0 dB = 0.0180 W/kg = -17.45dBW/kg

Test Plot 15#: 5.2G WLAN High Body Back**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: 802.11n20 (0); Frequency: 5240 MHz; Duty Cycle: 1:1.02
 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.661$ S/m; $\epsilon_r = 36.033$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(5.5, 5.5, 5.5) @ 5240 MHz; Calibrated: 2025/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1):Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.445 W/kg

Zoom Scan (7x7x12) /Cube 0:Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.16 dB

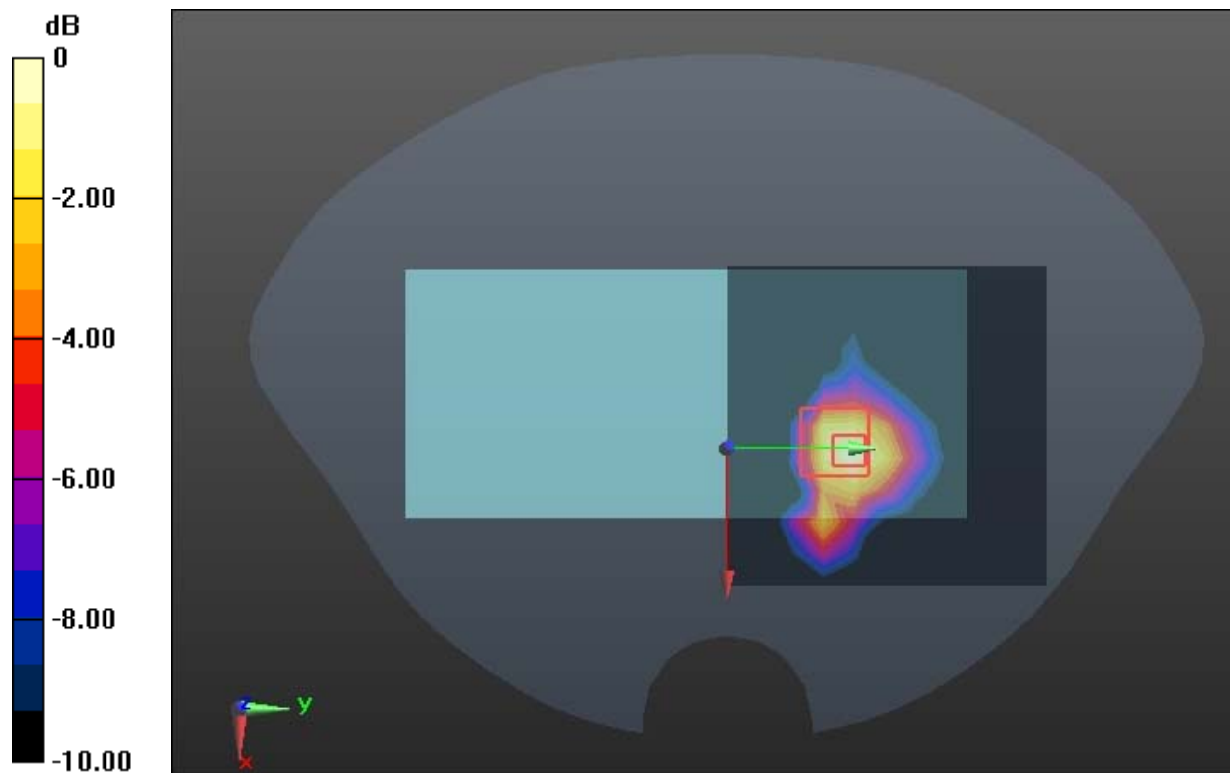
Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

Maximum value of SAR (measured) = 0.453 W/kg



0 dB = 0.453 W/kg = -3.44dBW/kg

Test Plot 16#: 5.3G WLAN High Body Left**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: 802.11n20 (0); Frequency: 5320 MHz; Duty Cycle: 1:1.02
 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.741 \text{ S/m}$; $\epsilon_r = 35.751$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(5.5, 5.5, 5.5) @ 5320 MHz; Calibrated: 2025/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x13x1):Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.549 W/kg

Zoom Scan (7x7x12) /Cube 0:Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

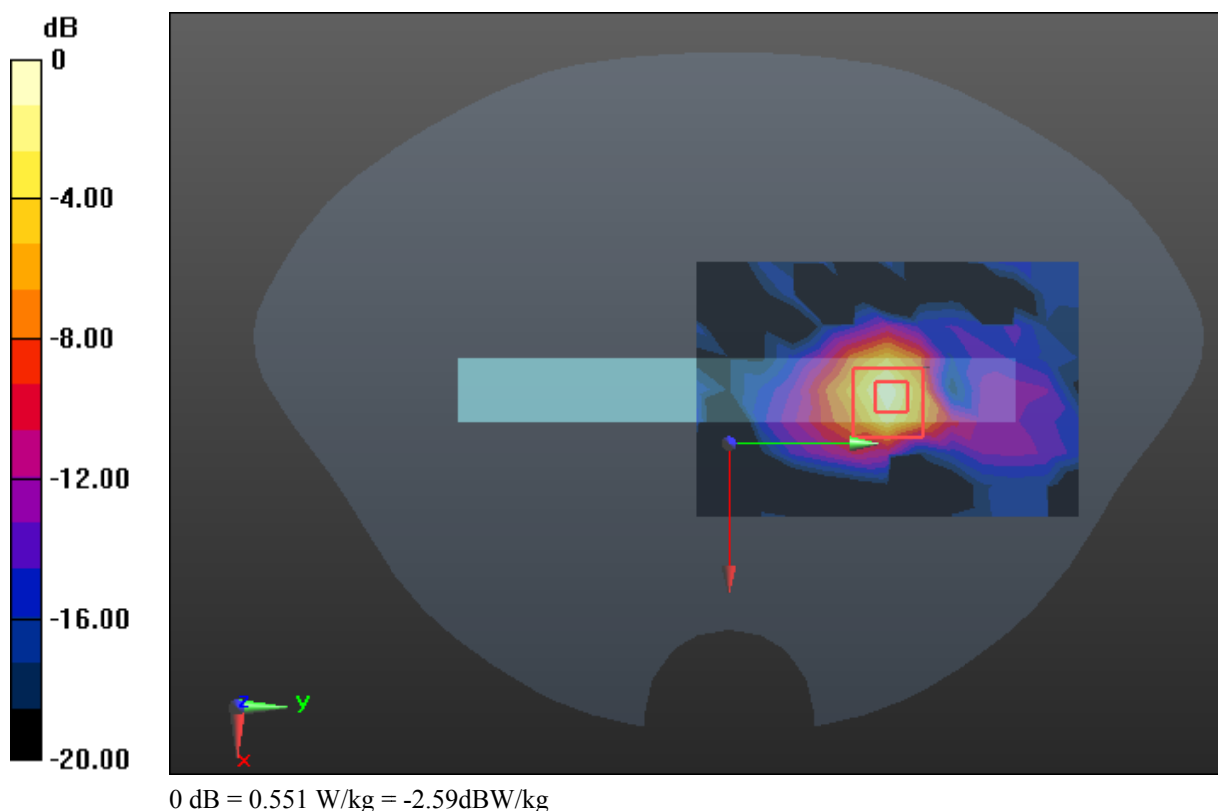
Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.551 W/kg



Test Plot 17#: 5.6G WLAN Mid Body Left**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: 802.11n20 (0); Frequency: 5580 MHz; Duty Cycle: 1:1.02
 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.065$ S/m; $\epsilon_r = 35.101$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 2025/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (9x13x1):Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.513 W/kg

Zoom Scan (7x7x12) /Cube 0:Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.068 V/m; Power Drift = 0.12 dB

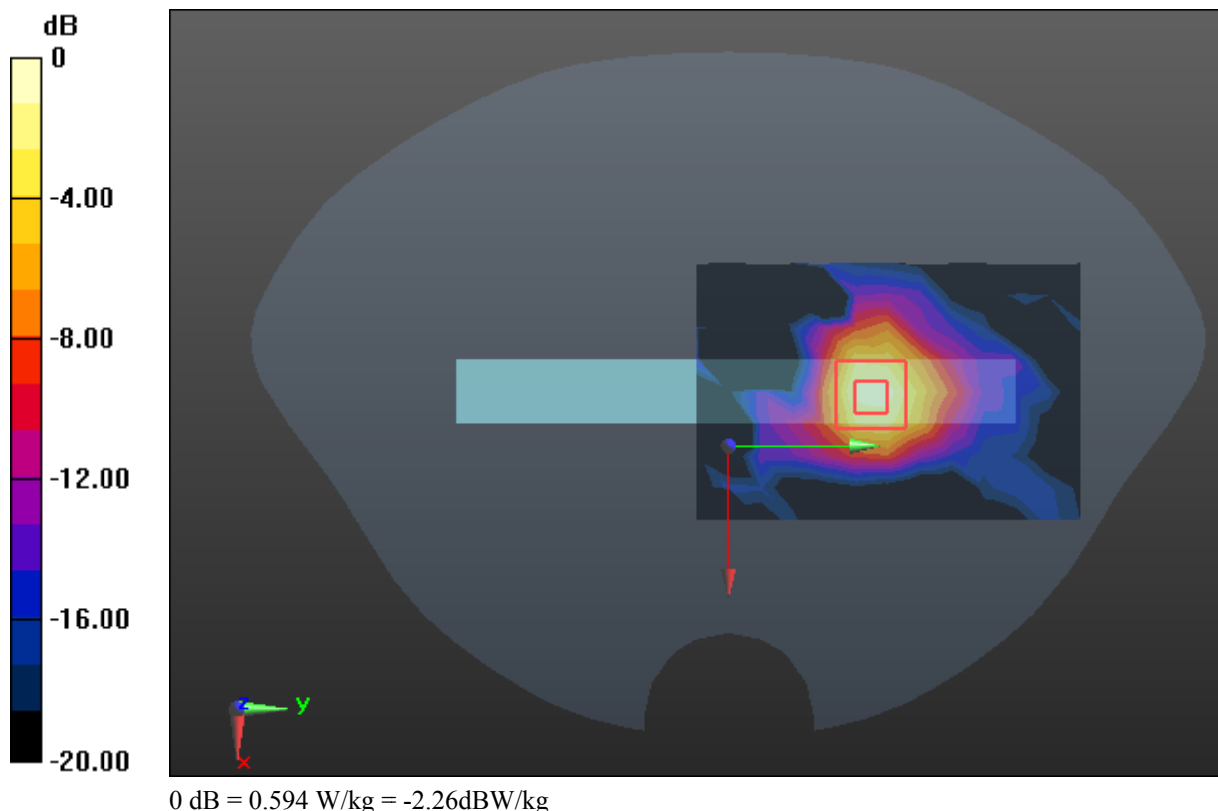
Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.103 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 0.594 W/kg



Test Plot 18#: 5.8G WLAN Low Body Left**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: 802.11n20 (0); Frequency: 5745 MHz; Duty Cycle: 1:1.02
 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.258$ S/m; $\epsilon_r = 34.815$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(5.02, 5.02, 5.02) @ 5745 MHz; Calibrated: 2025/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (8x11x1):Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.317 W/kg

Zoom Scan (7x7x12) /Cube 0:Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.205 V/m; Power Drift = 0.08 dB

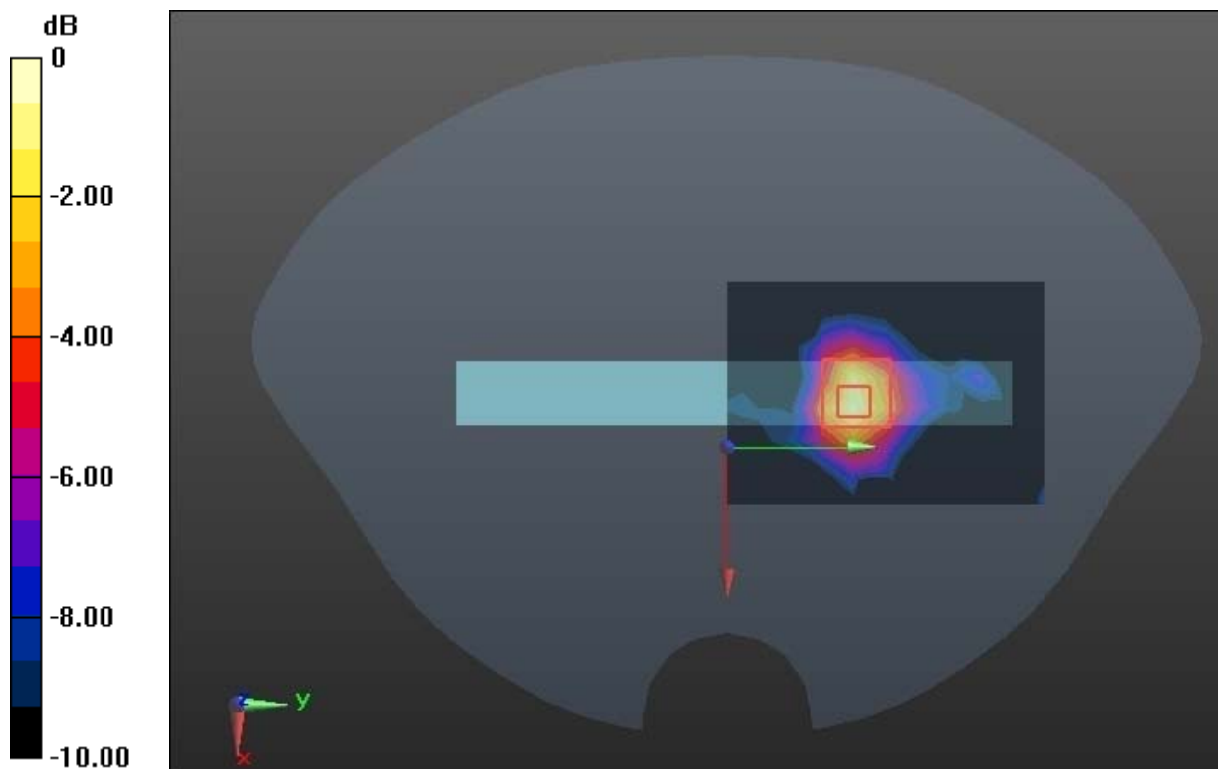
Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.049 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg = -4.60dBW/kg

Test Plot 19#: BT Low Body Front**DUT: Mobile Terminal; Type: M20SE; Serial: 2UEW-3**

Communication System: UID 0, GFSK (0); Frequency: 2402 MHz; Duty Cycle: 1:1.3
 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 40.575$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2402 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0268 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.523 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 98.3%

Maximum value of SAR (measured) = 0.0282 W/kg

