

Appendix B. MEASUREMENT SCANS

WCDMA Band1 Body Faceup Low

Communication System: UID 0, WCDMA (0); Communication System Band: Band 1; Frequency: 1922.4 MHz; Communication System PAR: 0.02 dB; PMF: 1.39798

Medium parameters used (interpolated): $f = 1922.4$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 40.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93) @ 1922.4 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 19.13 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (interpolated) = 0.715 W/kg

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

Reference Value = 19.13 V/m; Power Drift = 0.19 dB

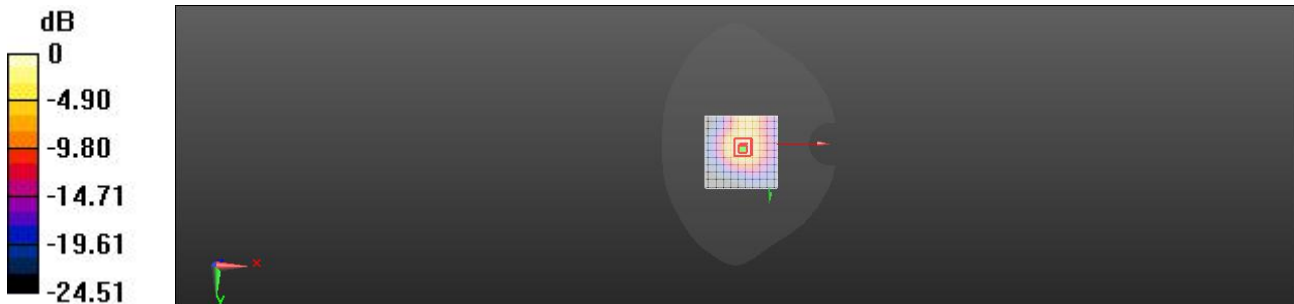
Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.299 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

WCDMA Band2 Body Faceup Low

Communication System: UID 0, WCDMA (0); Communication System Band: Band 2; Frequency: 1852.4 MHz; Communication System PAR: 0.02 dB; PMF: 1.39798

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 40.211$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93) @ 1852.4 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 17.40 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (interpolated) = 0.586 W/kg

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

Reference Value = 17.40 V/m; Power Drift = 0.09 dB

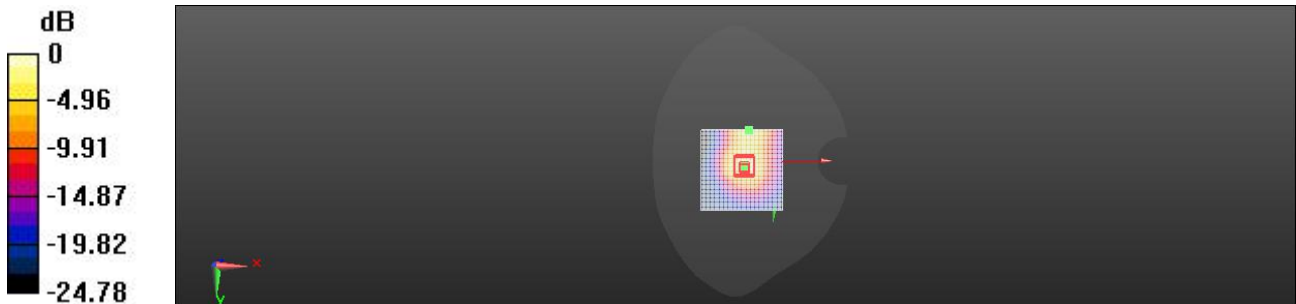
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.223 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

WCDMA Band4 Body Facedown Mid

Communication System: UID 0, WCDMA (0); Communication System Band: Band 4; Frequency: 1732.6 MHz; Communication System PAR: 0.02 dB; PMF: 1.39798

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.28, 8.28, 8.28) @ 1732.6 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 15.33 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (interpolated) = 0.505 W/kg

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

Reference Value = 15.33 V/m; Power Drift = 0.14 dB

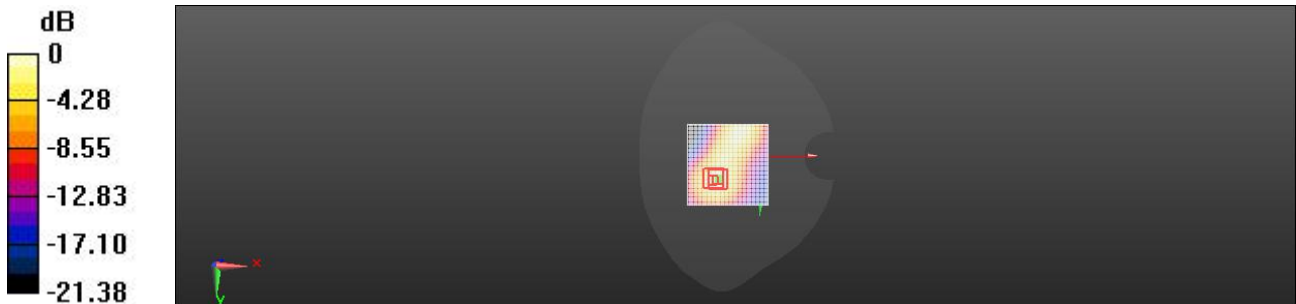
Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.226 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

WCDMA Band5 Body Faceup High

Communication System: UID 0, WCDMA (0); Communication System Band: Band 5; Frequency: 846.6 MHz; Communication System PAR: 0.02 dB; PMF: 1.39798

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 41.555$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(9.25, 9.25, 9.25) @ 846.6 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 23.05 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (interpolated) = 0.692 W/kg

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

Reference Value = 23.05 V/m; Power Drift = 0.14 dB

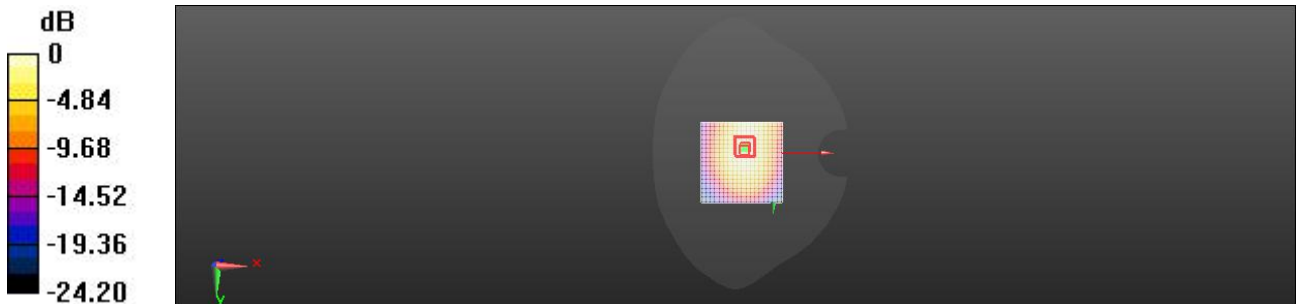
Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.405 W/kg

Smallest distance from peaks to all points 3 dB below = 21.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.8%

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg

LTE Band1 Body Faceup Low

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 1, E-UTRA/FDD (1920.0 - 1980.0 MHz); Frequency: 1930 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1930$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.525$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93) @ 1930 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 21.16 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (interpolated) = 0.760 W/kg

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

Reference Value = 21.16 V/m; Power Drift = -0.15 dB

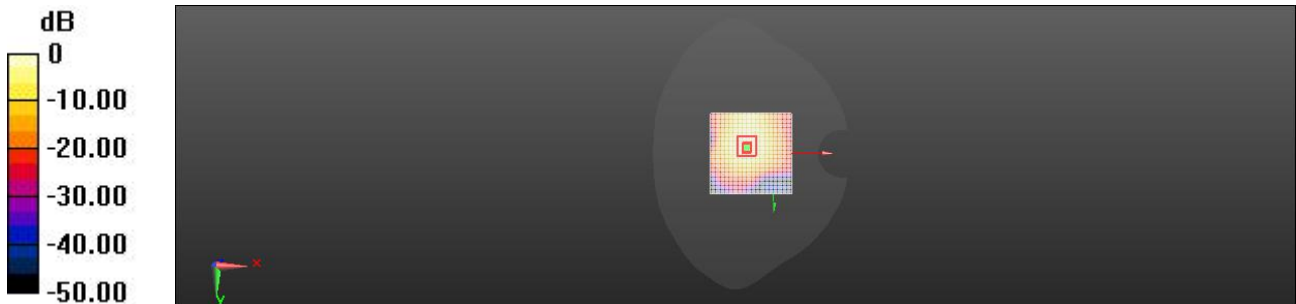
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.374 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.7%

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.760 W/kg = -1.19 dBW/kg

LTE Band2 Body Faceup Low

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1860 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.44$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.93, 7.93, 7.93) @ 1860 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 20.27 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (interpolated) = 0.715 W/kg

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

Reference Value = 20.27 V/m; Power Drift = -0.14 dB

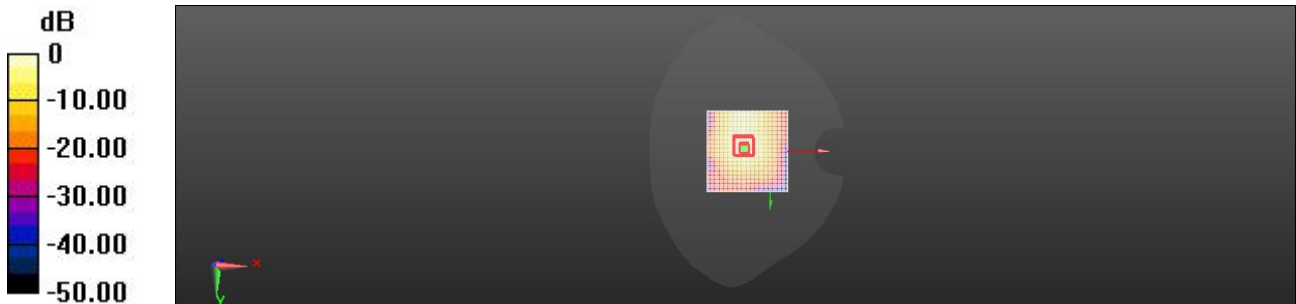
Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.364 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

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

Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

LTE Band4 Body Faceup High

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.346$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.28, 8.28, 8.28) @ 1745 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 19.81 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (interpolated) = 0.618 W/kg

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

Reference Value = 19.81 V/m; Power Drift = -0.19 dB

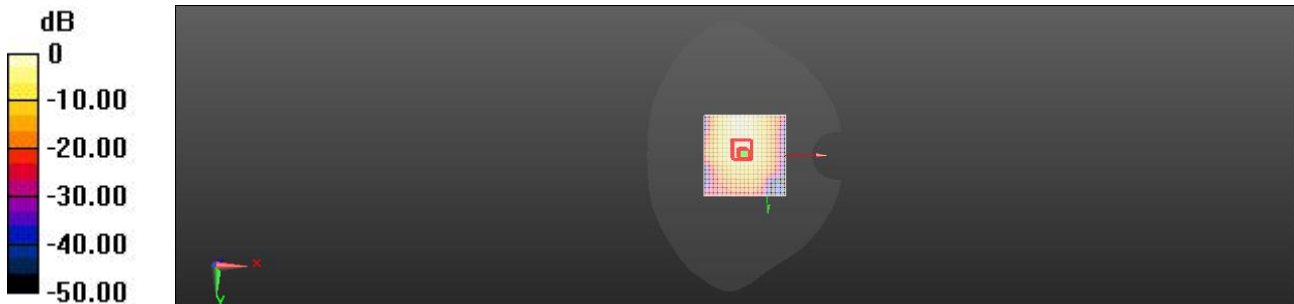
Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.277 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg

LTE Band5(10MHz) Body Faceup Mid

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 41.436$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(9.25, 9.25, 9.25) @ 836.5 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 22.53 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (interpolated) = 0.815 W/kg

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

Reference Value = 22.53 V/m; Power Drift = -0.09 dB

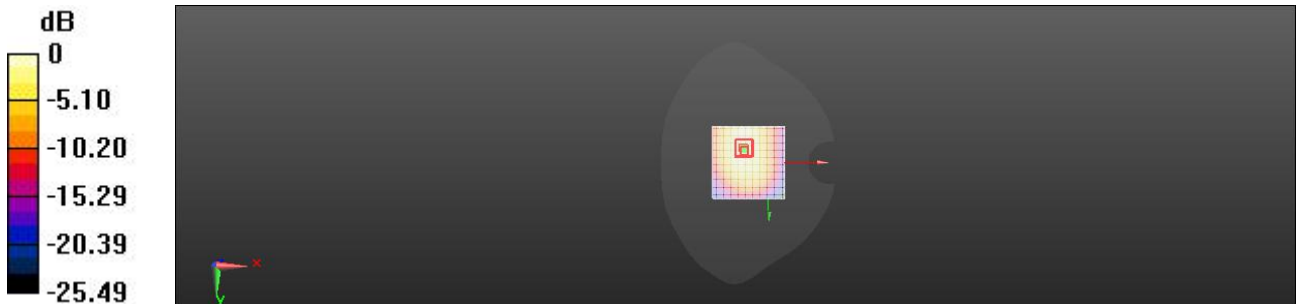
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.257 W/kg

Smallest distance from peaks to all points 3 dB below = 20.9 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.809 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

LTE Band7 Body Facedown Low

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2510 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.872$ S/m; $\epsilon_r = 39.298$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.45, 7.45, 7.45) @ 2510 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Facedown Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 19.41 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (interpolated) = 0.705 W/kg

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

Reference Value = 19.41 V/m; Power Drift = -0.18 dB

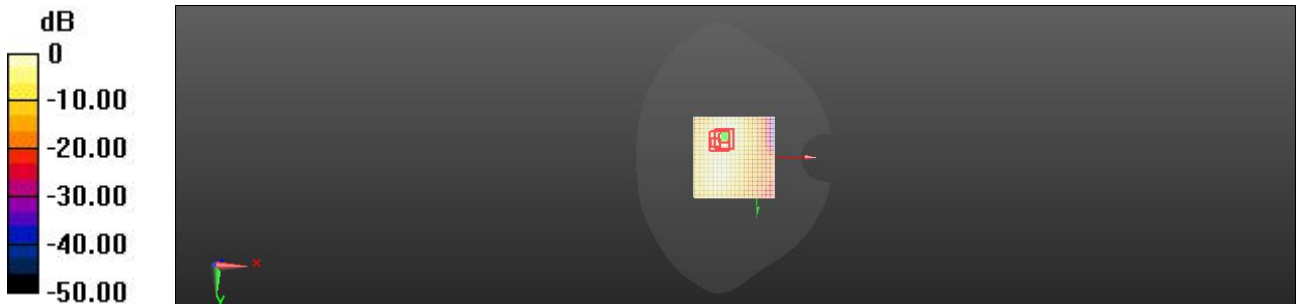
Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.336 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.705 W/kg = -1.52 dBW/kg

LTE Band12(10MHz) Body Faceup Low

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 703 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 703$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 41.272$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(9.65, 9.65, 9.65) @ 703 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 23.76 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (interpolated) = 0.787 W/kg

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

Reference Value = 23.76 V/m; Power Drift = -0.19 dB

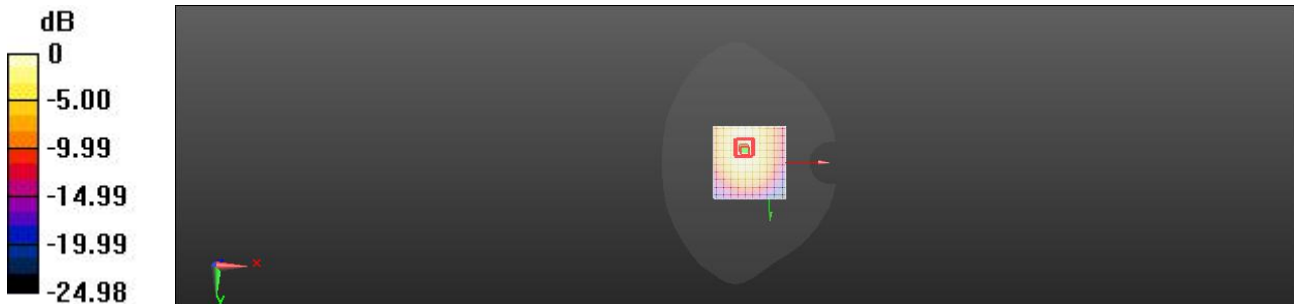
Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.298 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.787 W/kg = -1.04 dBW/kg

LTE Band17(10MHz) Body Faceup Mid

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 710 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.386$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(9.65, 9.65, 9.65) @ 710 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 20.64 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (interpolated) = 0.714 W/kg

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

Reference Value = 20.64 V/m; Power Drift = 0.15 dB

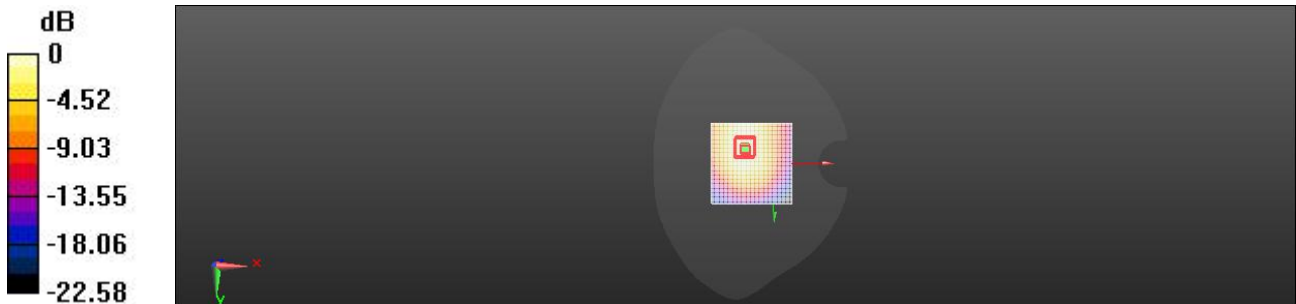
Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.292 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.2%

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



0 dB = 0.714 W/kg = -1.46 dBW/kg

LTE Band28 Body Faceup High

Communication System: UID 0, Generic LTE (0); Communication System Band: Band28; Frequency: 738 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 738$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.937$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(9.65, 9.65, 9.65) @ 738 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 23.74 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (interpolated) = 0.789 W/kg

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

Reference Value = 23.74 V/m; Power Drift = -0.16 dB

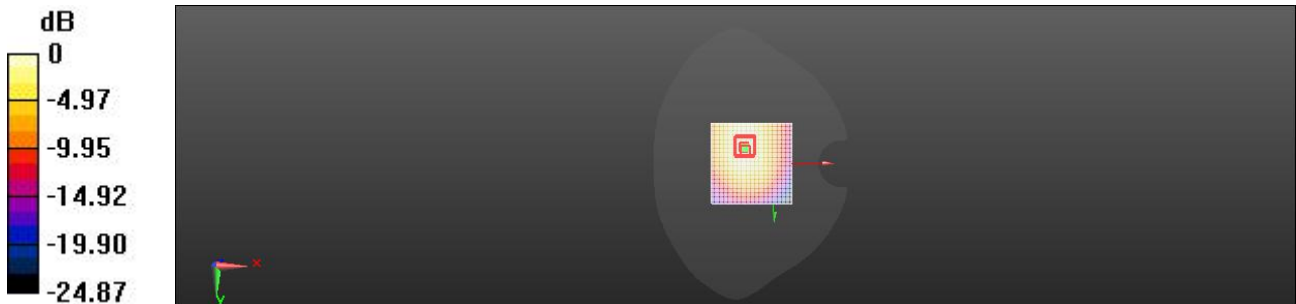
Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.354 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70%

Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

LTE Band41 Body Faceup High

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 38.996$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.29, 7.29, 7.29) @ 2680 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 5.937 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (interpolated) = 0.656 W/kg

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

Reference Value = 5.937 V/m; Power Drift = 0.10 dB

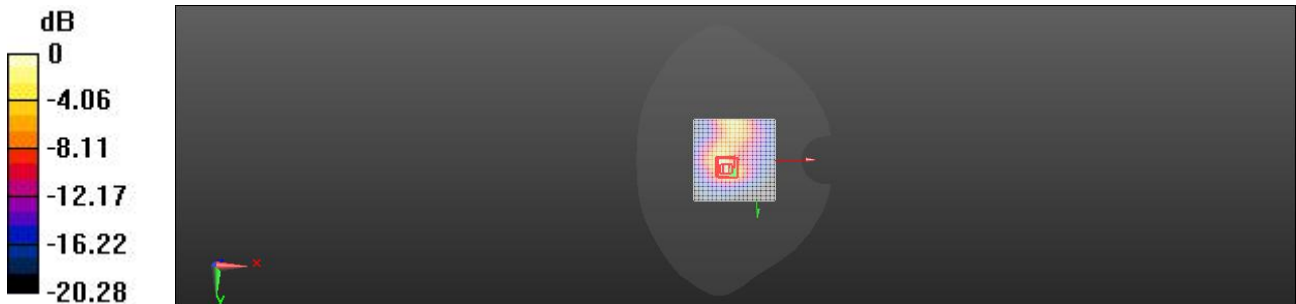
Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.295 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

LTE Band66 Body Faceup Mid

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 66; Frequency: 1745 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.346$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(8.28, 8.28, 8.28) @ 1745 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASYS2 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 17.32 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (interpolated) = 0.585 W/kg

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

Reference Value = 17.32 V/m; Power Drift = -0.18 dB

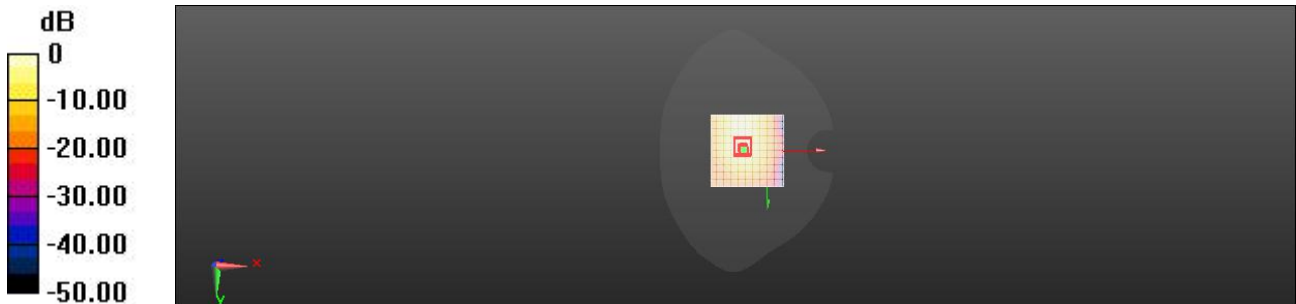
Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

2.4Gwifi Body Faceup Low

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: wifi2.4G; Frequency: 2412 MHz; Communication System PAR: 1.87 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.761$ S/m; $\epsilon_r = 39.471$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.45, 7.45, 7.45) @ 2412 MHz; Calibrated: 2025-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2024-10-15
- Phantom: SAM 3; Type: QD 000 P41 AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 4.682 V/m; Power Drift = 0.15 dB

Fast SAR: SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (interpolated) = 0.322 W/kg

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

Reference Value = 4.682 V/m; Power Drift = 0.15 dB

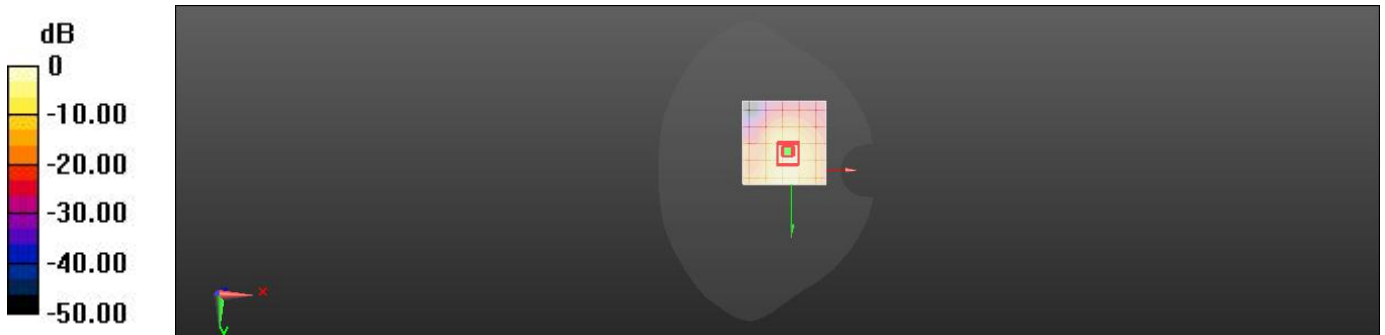
Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.131 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg