

SAR Validation Data

Date: 4/23/2026

System Check Head 2450MHz

Communication System: UID 0, CW; Communication System Band: D2450MHz; Duty Cycle: 1:1; Frequency: 2450 MHz;
Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.885 \text{ S/m}$; $\epsilon_r = 40.793$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.3, 7.3, 7.3); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x61x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 22.8 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 90.44 V/m; Power Drift = -0.01 dB

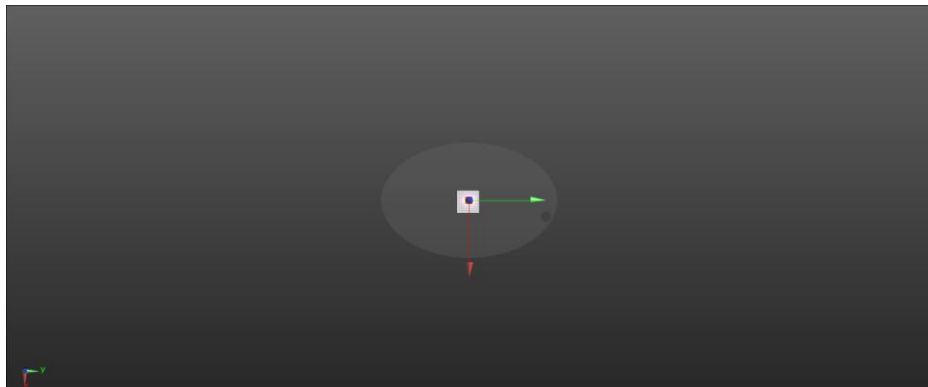
Peak SAR (extrapolated) = 27.4 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.24 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 22.1 W/kg



Date: 4/24/2026

System Check Head 5250MHz

Communication System: UID 0, CW (0); Communication System Band: 5250MHz; Duty Cycle: 1:1; Frequency: 5250 MHz;
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.734 \text{ S/m}$; $\epsilon_r = 35.989$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.25, 5.25, 5.25); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 18.7 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 42.45 V/m; Power Drift = -0.09 dB

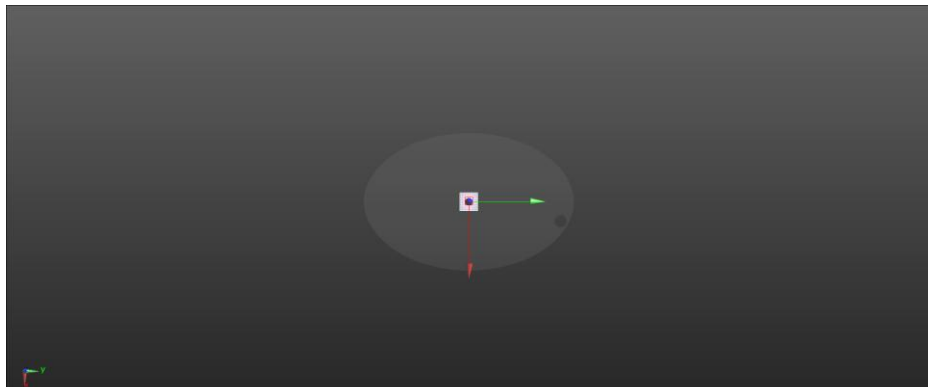
Peak SAR (extrapolated) = 28.1 W/kg

SAR(1 g) = 7.2 W/kg; SAR(10 g) = 2.07 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 18.0 W/kg



Date: 4/26/2026

System Check Head 5600MHz

Communication System: UID 0, CW (0); Communication System Band: D5600MHz; Duty Cycle: 1:1; Frequency: 5600 MHz; Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.161 \text{ S/m}$; $\epsilon_r = 35.332$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.65, 4.65, 4.65); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 20.7 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 40.94 V/m; Power Drift = 0.08 dB

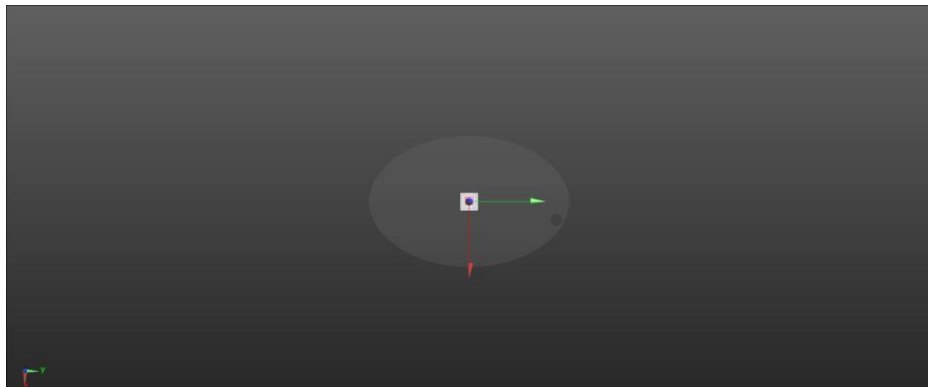
Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.23 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 20.4 W/kg



Date: 4/27/2026

System Check Head 5750MHz

Communication System: UID 0, CW (0); Communication System Band: D5750MHz; Duty Cycle: 1:1; Frequency: 5750 MHz; Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.331 \text{ S/m}$; $\epsilon_r = 35.06$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.79, 4.79, 4.79); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 19.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 38.50 V/m; Power Drift = 0.07 dB

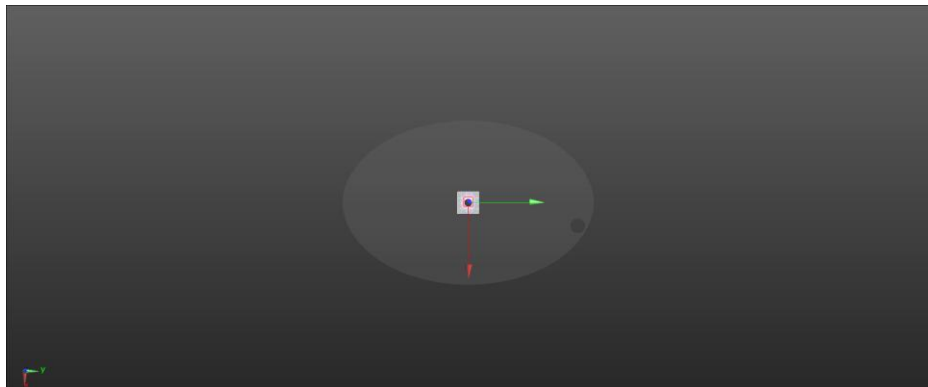
Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.08 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 19.3 W/kg



SAR Test Data

Date: 4/23/2026

Bluetooth DH5-Left Side-CH39-2441MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: BDR+EDR; Duty Cycle: 1:1; Frequency: 2441 MHz; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.878$ S/m; $\epsilon_r = 40.82$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.3, 7.3, 7.3); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0869 W/kg

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

Reference Value = 5.943 V/m; Power Drift = 0.05 dB

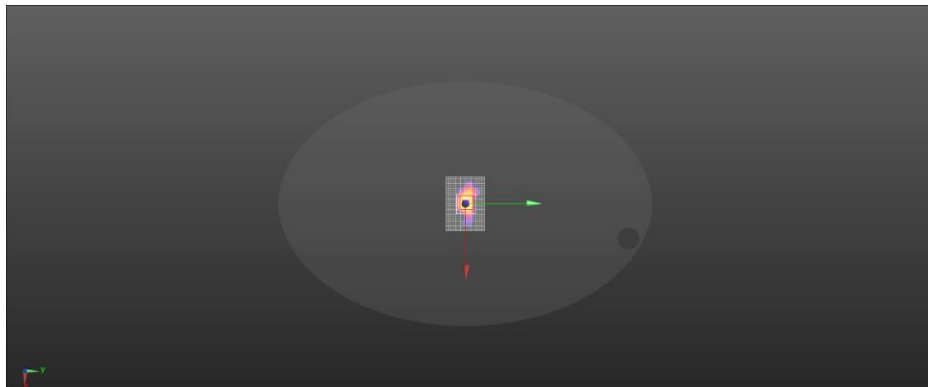
Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.024 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 34.9%

Maximum value of SAR (measured) = 0.121 W/kg



Date: 4/23/2026

WLAN 2.4G 802.11b-Left-CH1-2412MHz

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: 802.11b(20M); Duty Cycle: 1:1; Frequency: 2412 MHz; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 40.896$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.3, 7.3, 7.3); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.17 W/kg

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

Reference Value = 20.40 V/m; Power Drift = -0.05 dB

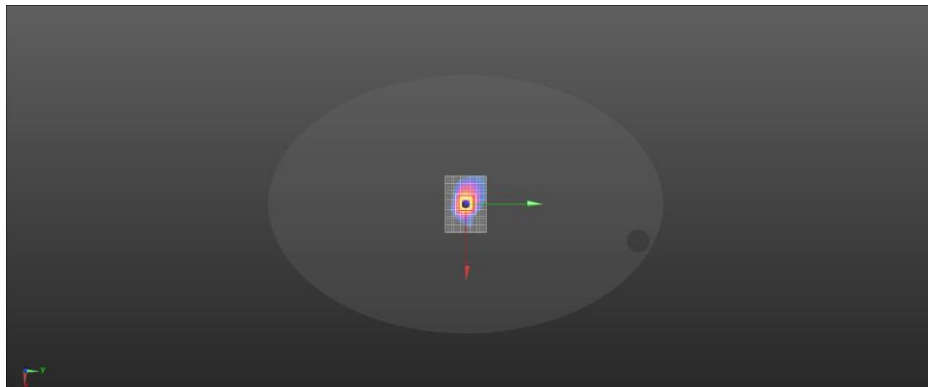
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.252 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 39.3%

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



Date: 4/24/2026

WLAN 5G 802.11ac20-Left-CH64-5320MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ac(20M); Duty Cycle: 1:1; Frequency: 5320 MHz; Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.823 \text{ S/m}$; $\epsilon_r = 35.892$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.25, 5.25, 5.25); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 5.34 W/kg

Zoom Scan (10x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 21.35 V/m; Power Drift = 0.10 dB

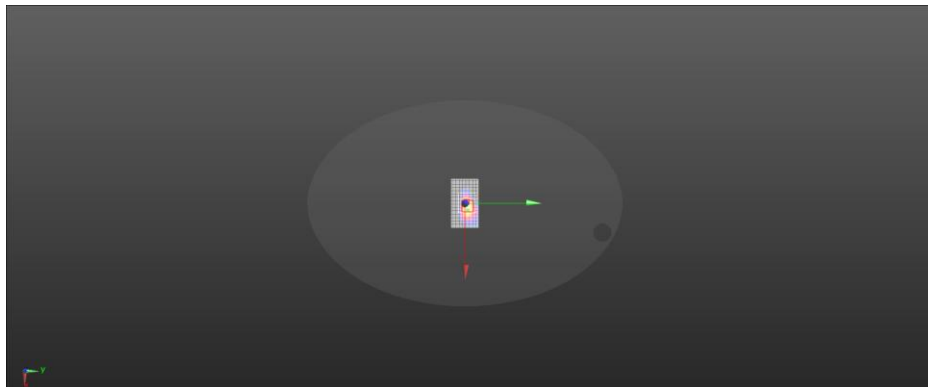
Peak SAR (extrapolated) = 8.91 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 0.624 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 5.27 W/kg



Date: 4/26/2026

WLAN 5G 802.11ax20-Left-CH100-5500MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ax(20M); Duty Cycle: 1:1; Frequency: 5500 MHz; Medium parameters used: $f = 5500$ MHz; $\sigma = 5.039$ S/m; $\epsilon_r = 35.528$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.65, 4.65, 4.65); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x51x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 3.60 W/kg

Zoom Scan (12x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.56 V/m; Power Drift = 0.06 dB

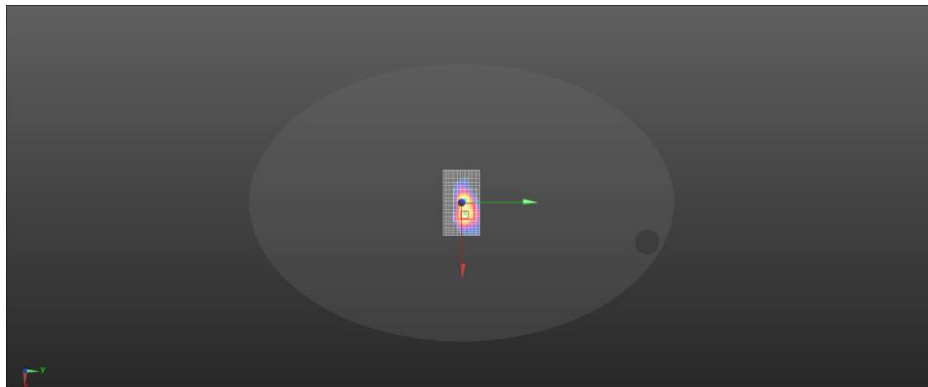
Peak SAR (extrapolated) = 5.85 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.418 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 3.52 W/kg



Date: 4/27/2026

WLAN 5G 802.11a-Left-CH149-5745MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11a(20M); Duty Cycle: 1:1; Frequency: 5745 MHz; Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.326 \text{ S/m}$; $\epsilon_r = 35.08$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.79, 4.79, 4.79); Calibrated: 4/8/2026
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4ip Sn1854; Calibrated: 3/23/2026
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.76 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 10.05 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.53 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.174 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 2.06 W/kg

