

SAR Validation Data

Date: 2/1/2026

System Check Head 2450MHz

Communication System: UID 0, CW; Communication System Band: D2450MHz; Duty Cycle: 1:1; Frequency: 2450 MHz;
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 40.784$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(7.18, 7.37, 7.31); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 22.0 W/kg

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

Reference Value = 86.43 V/m; Power Drift = 0.08 dB

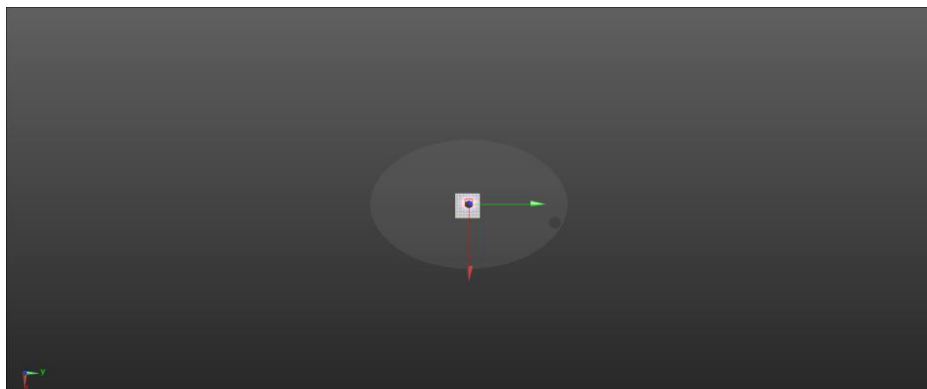
Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.26 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 21.8 W/kg



Date: 2/3/2026

System Check Head 5250MHz

Communication System: UID 0, CW (0); Communication System Band: 5250MHz; Duty Cycle: 1:1; Frequency: 5250 MHz;
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.555 \text{ S/m}$; $\epsilon_r = 36.804$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.59, 5.74, 5.69); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 19.5 W/kg

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

Reference Value = 43.36 V/m; Power Drift = -0.03 dB

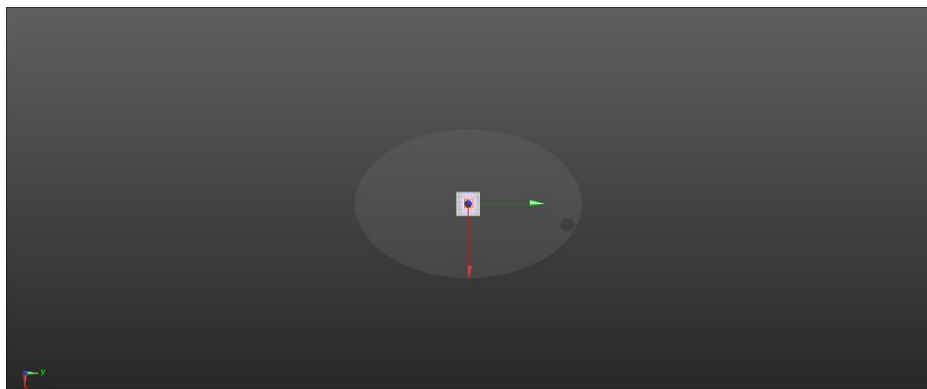
Peak SAR (extrapolated) = 31.2 W/kg

SAR(1 g) = 7.35 W/kg; SAR(10 g) = 2.11 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

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

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



Date: 2/5/2026

System Check Head 5600MHz

Communication System: UID 0, CW (0); Communication System Band: D5600MHz; Duty Cycle: 1:1; Frequency: 5600 MHz; Medium parameters used: $f = 5600$ MHz; $\sigma = 4.948$ S/m; $\epsilon_r = 36.23$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.29, 5.43, 5.39); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 22.4 W/kg

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

Reference Value = 42.08 V/m; Power Drift = 0.10 dB

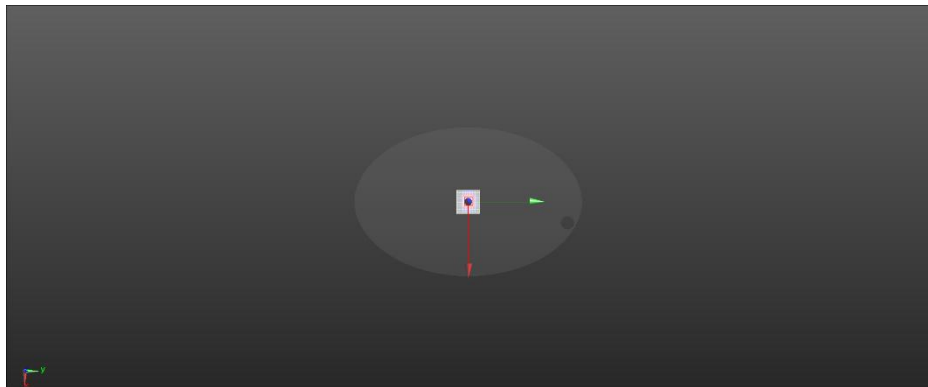
Peak SAR (extrapolated) = 39.9 W/kg

SAR(1 g) = 8.43 W/kg; SAR(10 g) = 2.4 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 22.2 W/kg



Date: 2/7/2026

System Check Head 5750MHz

Communication System: UID 0, CW (0); Communication System Band: D5750MHz; Duty Cycle: 1:1; Frequency: 5750 MHz; Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.125 \text{ S/m}$; $\epsilon_r = 35.988$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.09, 5.22, 5.18); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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 = 39.21 V/m; Power Drift = 0.07 dB

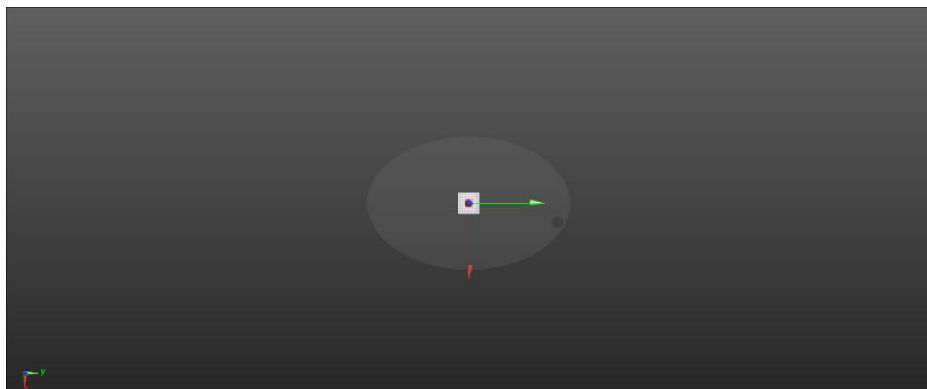
Peak SAR (extrapolated) = 38.7 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.23 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.2%

Maximum value of SAR (measured) = 20.8 W/kg



SAR Test Data

Date: 2/1/2026

Bluetooth DH5-Right-CH39-2441MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: BDR+EDR; Duty Cycle: 1:1; Frequency: 2441 MHz; Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.858 \text{ S/m}$; $\epsilon_r = 40.822$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(7.18, 7.37, 7.31); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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 (91x41x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.873 W/kg

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

Reference Value = 14.30 V/m; Power Drift = 0.10 dB

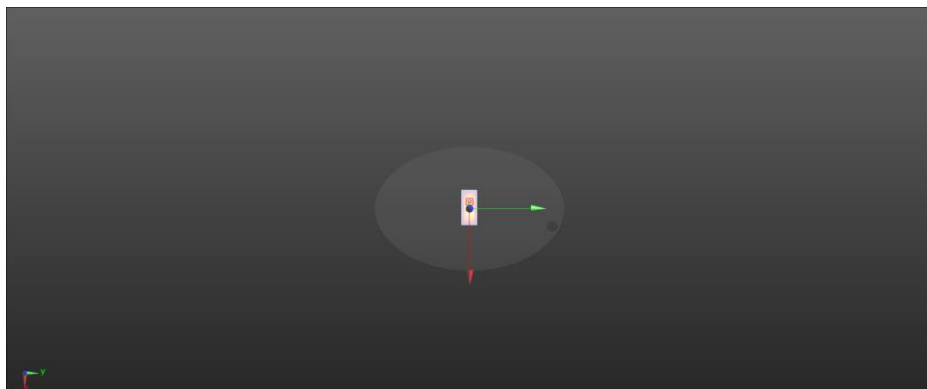
Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.224 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

Maximum value of SAR (measured) = 0.930 W/kg



Date: 2/1/2026

WLAN 2.4G 802.11b-Right-CH6-2437MHz

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: 802.11b(20M); Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.852 \text{ S/m}$; $\epsilon_r = 40.836$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(7.18, 7.37, 7.31); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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 (91x41x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 1.83 W/kg

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

Reference Value = 21.33 V/m; Power Drift = 0.09 dB

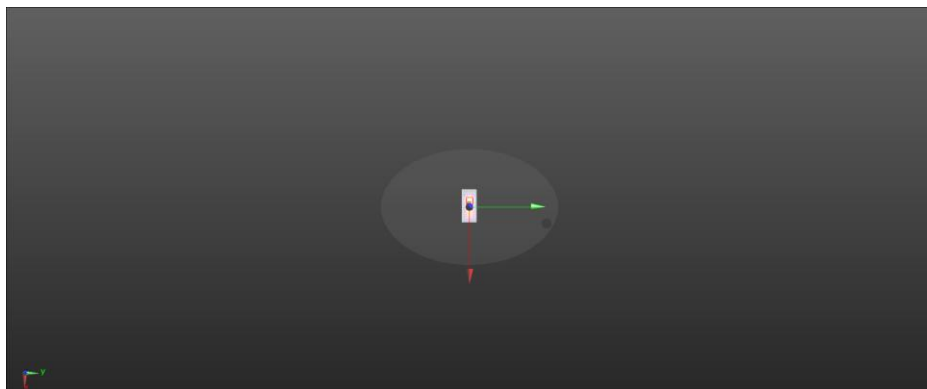
Peak SAR (extrapolated) = 3.24 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.436 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.6%

Maximum value of SAR (measured) = 2.09 W/kg



Date: 2/3/2026

WLAN 5G 802.11ax20-Left-CH52-5260MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ax(20M); Duty Cycle: 1:1; Frequency: 5260 MHz; Medium parameters used: $f = 5260$ MHz; $\sigma = 4.571$ S/m; $\epsilon_r = 36.787$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.59, 5.74, 5.69); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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 (101x51x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 5.47 W/kg

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

Reference Value = 21.39 V/m; Power Drift = 0.04 dB

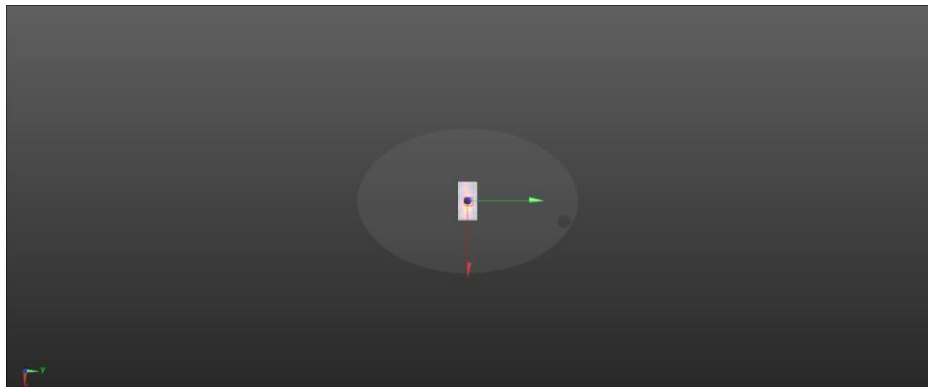
Peak SAR (extrapolated) = 9.83 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 0.553 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 5.65 W/kg



Date: 2/5/2026

WLAN 5G 802.11ax20-Left-CH116-5580MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ax(20M); Duty Cycle: 1:1; Frequency: 5580 MHz; Medium parameters used: $f = 5580$ MHz; $\sigma = 4.926$ S/m; $\epsilon_r = 36.29$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.29, 5.43, 5.39); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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 (101x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.23 W/kg

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

Reference Value = 16.80 V/m; Power Drift = 0.05 dB

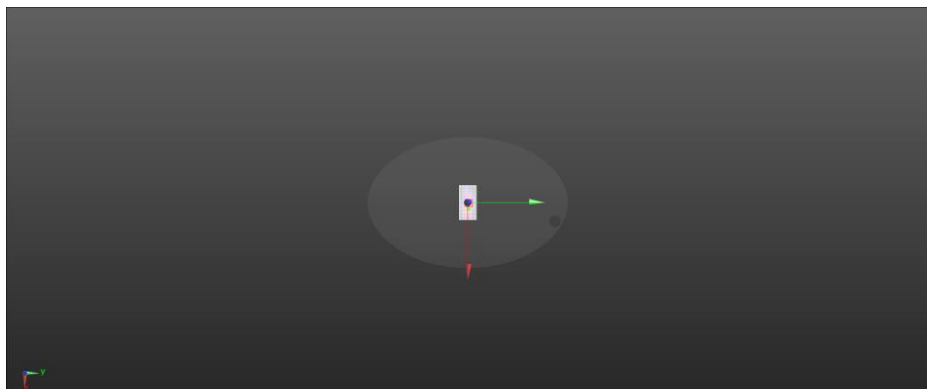
Peak SAR (extrapolated) = 9.88 W/kg

SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.539 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 4.93 W/kg



Date: 2/7/2026

WLAN 5G 802.11ax20-Right-CH165-5825MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ax(20M); Duty Cycle: 1:1; Frequency: 5825 MHz; Medium parameters used: $f = 5825$ MHz; $\sigma = 5.208$ S/m; $\epsilon_r = 35.876$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7860; ConvF(5.09, 5.22, 5.18); Calibrated: 4/7/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- 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 (101x51x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 4.46 W/kg

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

Reference Value = 7.384 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.409 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 5.37 W/kg

