

Appendix B. MEASUREMENT SCANS

2.4Gwifi Body Faceup Low

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz); Frequency: 2412 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 39.507$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.83, 7.83, 7.83) @ 2412 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2025-10-21
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.510 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (interpolated) = 0.657 W/kg

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

Reference Value = 2.510 V/m; Power Drift = -0.08 dB

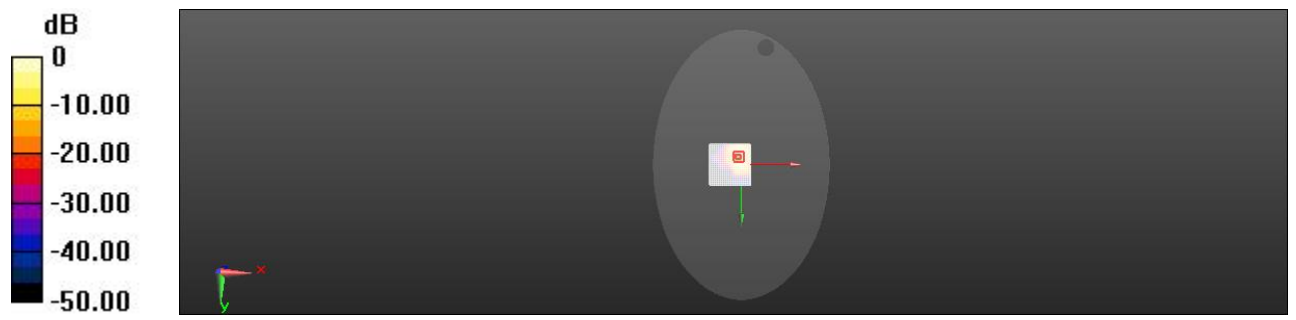
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.252 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.657 W/kg = -1.83 dBW/kg

5.2Gwifi Body Faceup Mid

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz); Frequency: 5200 MHz; Communication System PAR: 8.678 dB; PMF: 1.07895

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.785$ S/m; $\epsilon_r = 36.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(5.48, 5.48, 5.48) @ 5200 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2025-10-21
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Mid/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 2.336 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (interpolated) = 0.388 W/kg

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

Reference Value = 2.336 V/m; Power Drift = 0.19 dB

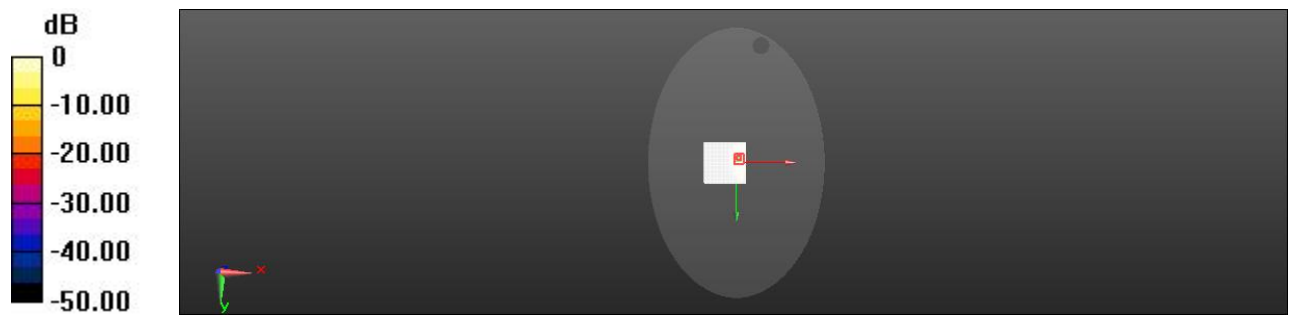
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.164 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 24.9%

Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

5.8Wifi Body Faceup Mid

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Communication System Band: U-NII-3 Standalone (5735 - 5835 MHz); Frequency: 5785 MHz; Communication System PAR: 8.678 dB; PMF: 1.07895

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.464$ S/m; $\epsilon_r = 34.767$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(4.99, 4.99, 4.99) @ 5785 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2025-10-21
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Mid/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 2.259 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (interpolated) = 0.512 W/kg

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

Reference Value = 2.259 V/m; Power Drift = 0.18 dB

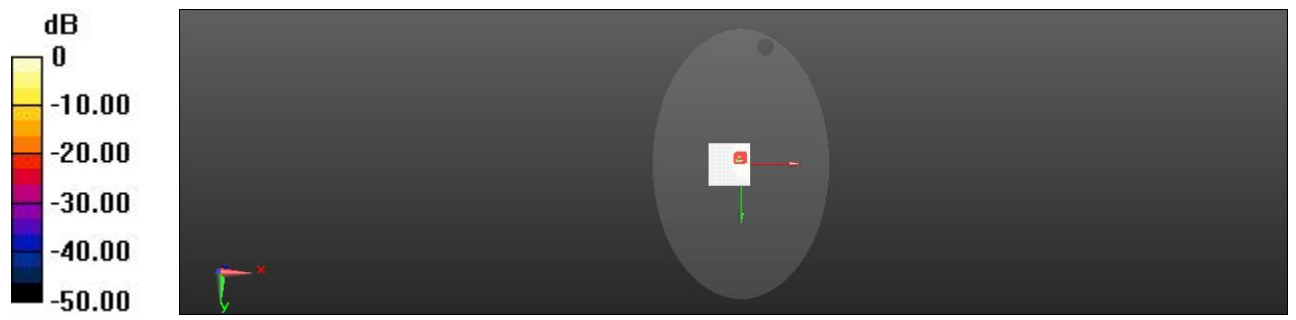
Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.165 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 19.3%

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

BT Body Faceup Mid

Communication System: UID 0, BT (0); Communication System Band: BT;
Frequency: 2441 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.767$ S/m; $\epsilon_r = 39.621$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.83, 7.83, 7.83) @ 2441 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1637; Calibrated: 2025-10-21
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Reference Value = 2.249 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (interpolated) = 0.105 W/kg

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

Reference Value = 2.249 V/m; Power Drift = -0.09 dB

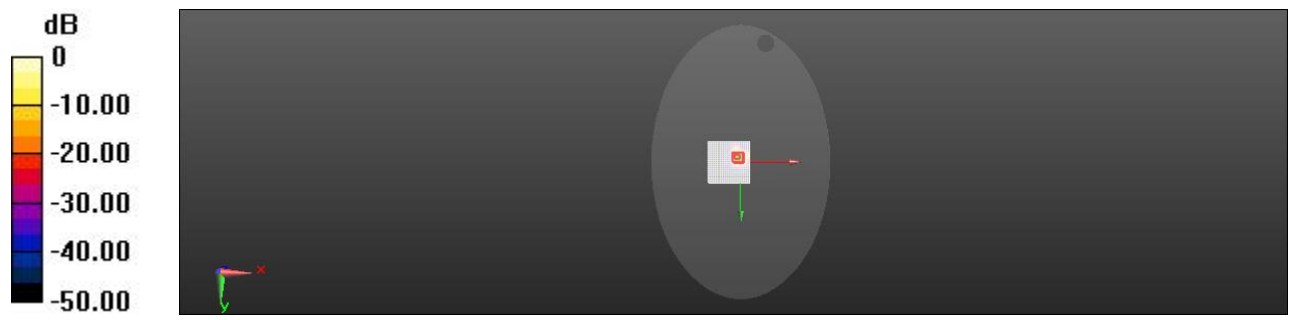
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.028 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 = 45.4%

Maximum value of SAR (measured) = 0.0861 W/kg



0 dB = 0.105 W/kg = -9.80 dBW/kg

2.4Gwifi Body Faceup Low

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz); Frequency: 2412 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.864$ S/m; $\epsilon_r = 38.577$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3881; ConvF(7.4, 7.4, 7.4) @ 2437 MHz; Calibrated: 2026-03-17
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2026-03-17
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/Faceup Mid/Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 1.78 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (interpolated) = 0.641 W/kg

Body/Faceup Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.78 V/m; Power Drift = -0.10 dB

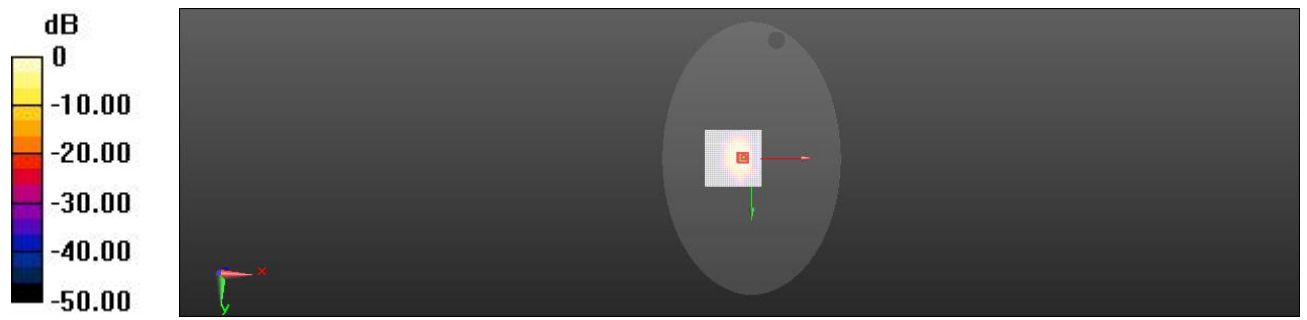
Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.207 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 40.1%

Maximum value of SAR (measured) = 0.680 W/kg



$$0 \text{ dB} = 0.641 \text{ W/kg} = -1.93 \text{ dBW/kg}$$