

Appendix B. MEASUREMENT SCANS

2.4Gwifi Body Left Side Mid

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: 2437 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ 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) @ 2437 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2025-02-17
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 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 = 10.84 V/m; Power Drift = 0.48 dB

Fast SAR: SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.201 W/kg

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

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

Reference Value = 10.84 V/m; Power Drift = 0.48 dB

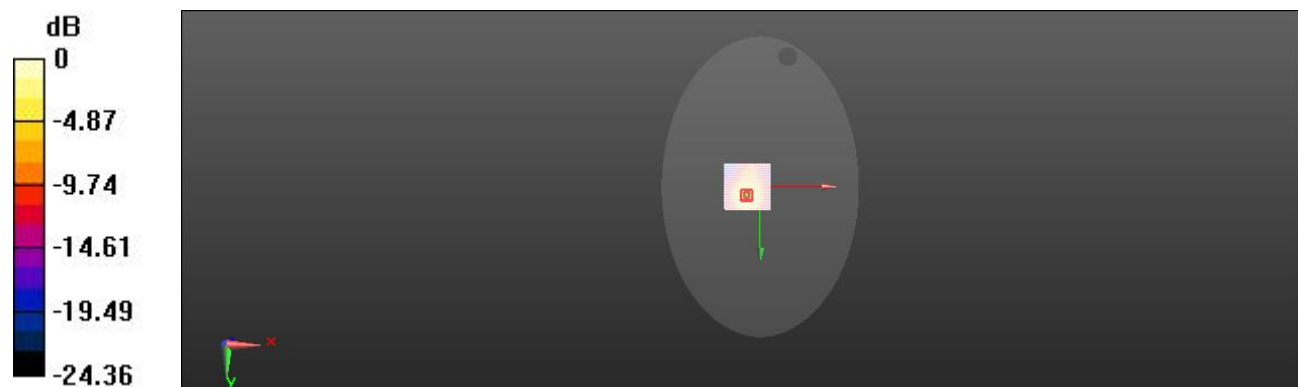
Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.217 W/kg

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 0.463 W/kg



$$0 \text{ dB} = 0.445 \text{ W/kg} = -3.52 \text{ dBW/kg}$$

2.4Gwifi 2# Body Faceup Mid

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: 2437 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.838$; $\rho = 1000$ 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) @ 2437 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2025-02-17
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 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 = 7.454 V/m; Power Drift = 0.55 dB

Fast SAR: SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (interpolated) = 0.743 W/kg

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

Reference Value = 7.454 V/m; Power Drift = 0.55 dB

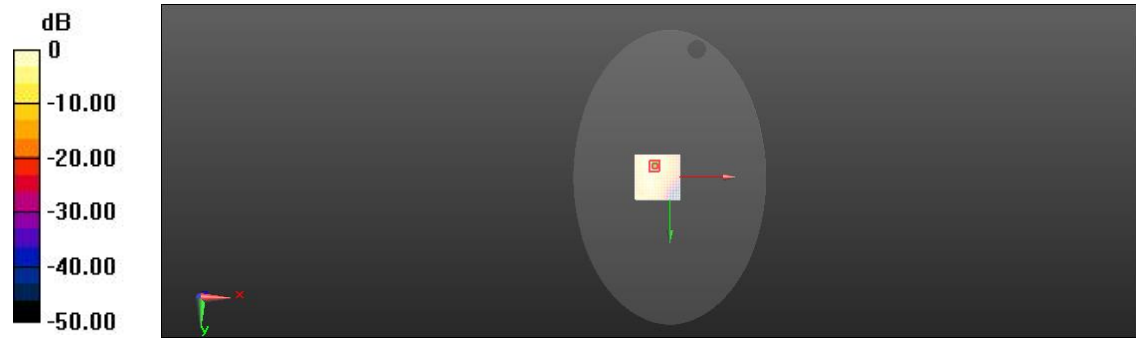
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.364 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 0.881 W/kg



$$0 \text{ dB} = 0.743 \text{ W/kg} = -1.29 \text{ dBW/kg}$$

2.4Gwifi 3# Body Right Side High

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: 2462 MHz; Communication System PAR: 1.872 dB; PMF: 1.04833

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 39.722$; $\rho = 1000$ 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) @ 2462 MHz; Calibrated: 2025-04-24
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1636; Calibrated: 2025-02-17
- Phantom: SAM 5; Type: QDOVA002AA;
- DASY52 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 = 6.746 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (interpolated) = 0.280 W/kg

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

Reference Value = 6.746 V/m; Power Drift = -0.16 dB

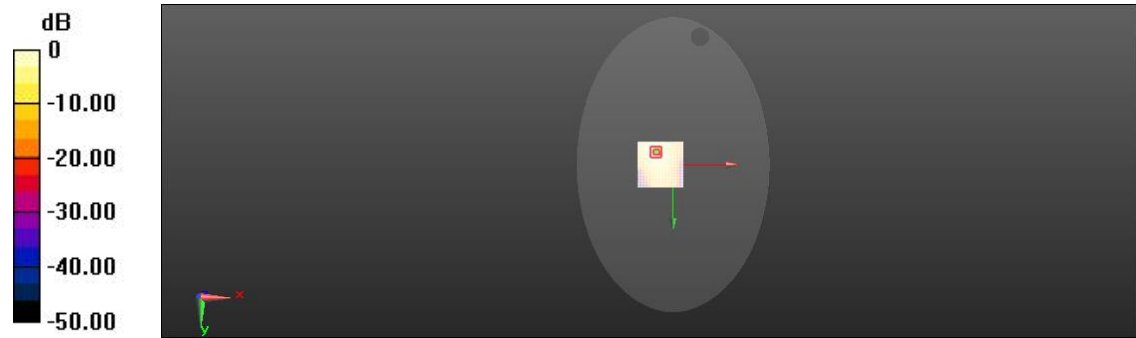
Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.133 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 0.281 W/kg



$$0 \text{ dB} = 0.280 \text{ W/kg} = -5.53 \text{ dBW/kg}$$

BT Body Left Side 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; $\sigma = 1.826$ S/m; $\epsilon_r = 39.825$; $\rho = 1000$ 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 Sn1636; Calibrated: 2025-02-17
- 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 = 4.304 V/m; Power Drift = 0.41 dB

Fast SAR: SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (interpolated) = 0.0625 W/kg

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

Reference Value = 4.304 V/m; Power Drift = 0.41 dB

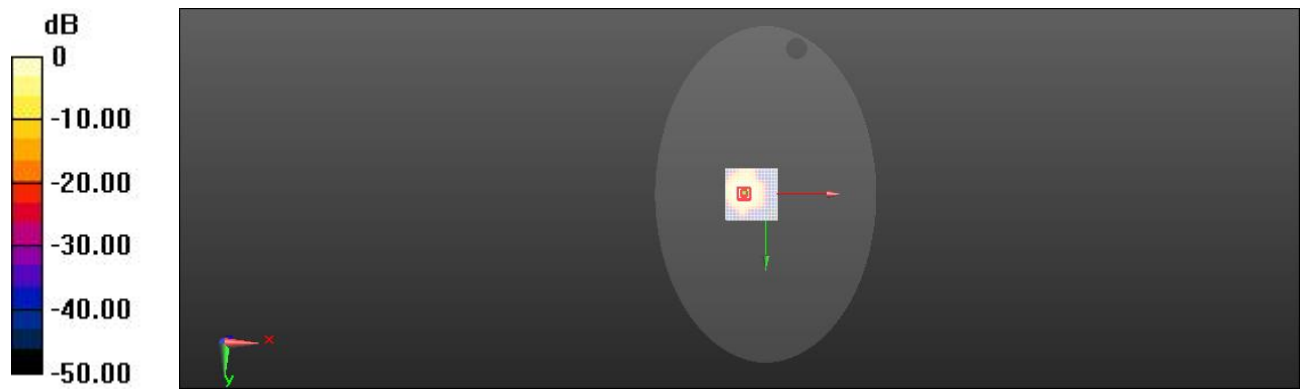
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.027 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 = 53.6%

Maximum value of SAR (measured) = 0.0585 W/kg



$$0 \text{ dB} = 0.0625 \text{ W/kg} = -12.04 \text{ dBW/kg}$$