

Appendix B. MEASUREMENT SCANS

2.4Gwifi Body Faceup Mid

Communication System: UID 10591 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle); Communication System Band: WLAN 2.4GHz (2412.0 - 2484.0 MHz); Frequency: 2422 MHz; Communication System PAR: 8.628 dB; PMF: 1.07152

Medium parameters used (interpolated): $f = 2422$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.10$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(7.83, 7.83, 7.83) @ 2422 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/Faceup Mid/Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.913 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (interpolated) = 0.265 W/kg

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

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

Reference Value = 6.913 V/m; Power Drift = -0.18 dB

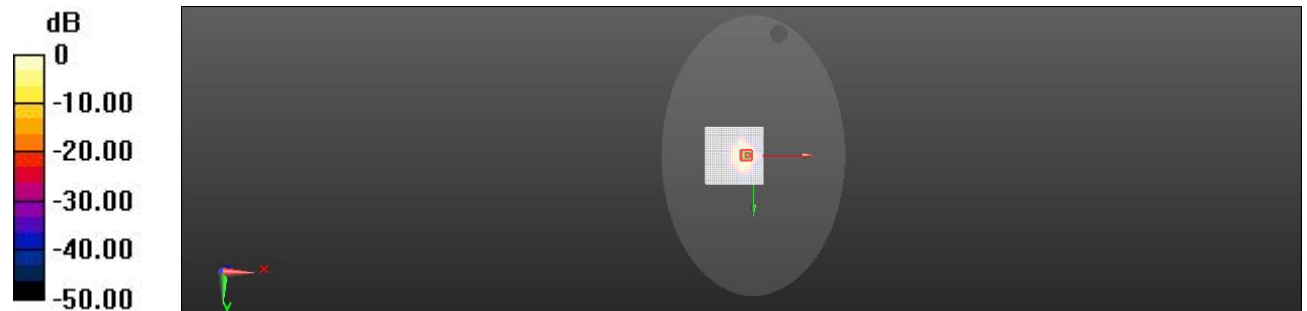
Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.075 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.3%

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

5.2Gwifi Body Facedown 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: 5180 MHz; Communication System PAR: 8.678 dB; PMF: 1.07895

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.795$ S/m; $\epsilon_r = 36.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(5.48, 5.48, 5.48) @ 5180 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/Facedown Mid/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 4.393 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (interpolated) = 0.829 W/kg

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

Reference Value = 4.393 V/m; Power Drift = 0.14 dB

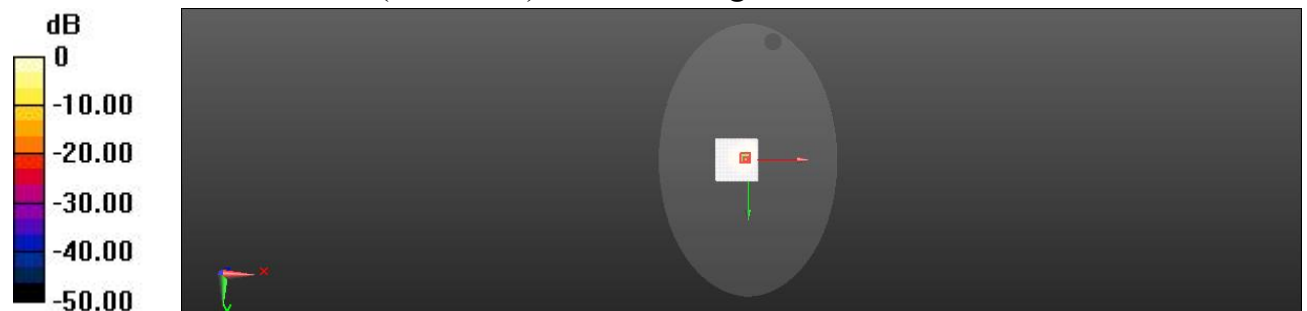
Peak SAR (extrapolated) = 5.45 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.287 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 18.3%

Maximum value of SAR (measured) = 0.943 W/kg



0 dB = 0.829 W/kg = -0.81 dBW/kg

5.3Gwifi Body Facedown Low

Communication System: UID 10591 - AAC, IEEE 802.11ac (HT Mixed, 20MHz, MCS0, 90pc duty cycle); Communication System Band: U-NII-1, U-NII-2A (5170 - 5330 MHz); Frequency: 5300 MHz; Communication System PAR: 8.628 dB; PMF: 1.07152

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.794$ S/m; $\epsilon_r = 36.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(5.48, 5.48, 5.48) @ 5300 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/Facedown Low/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 5.308 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (interpolated) = 1.07 W/kg

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

Reference Value = 5.308 V/m; Power Drift = 0.10 dB

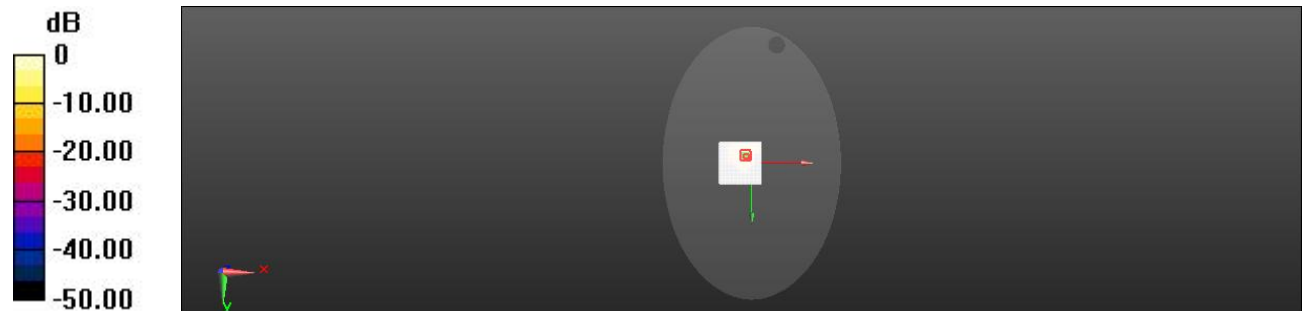
Peak SAR (extrapolated) = 6.19 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.318 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 17.8%

Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg = -0.06 dBW/kg

5.6Gwifi Body Facedown Low

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Communication System Band: U-NII-2C < 5.65 GHz (5490 - 5650 MHz); Frequency: 5600 MHz; Communication System PAR: 8.678 dB; PMF: 1.07895

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.191$ S/m; $\epsilon_r = 35.061$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7623; ConvF(4.89, 4.89, 4.89) @ 5600 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 (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Reference Value = 8.231 V/m; Power Drift = 0.16 dB

Fast SAR: SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (interpolated) = 0.700 W/kg

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

Reference Value = 8.231 V/m; Power Drift = 0.16 dB

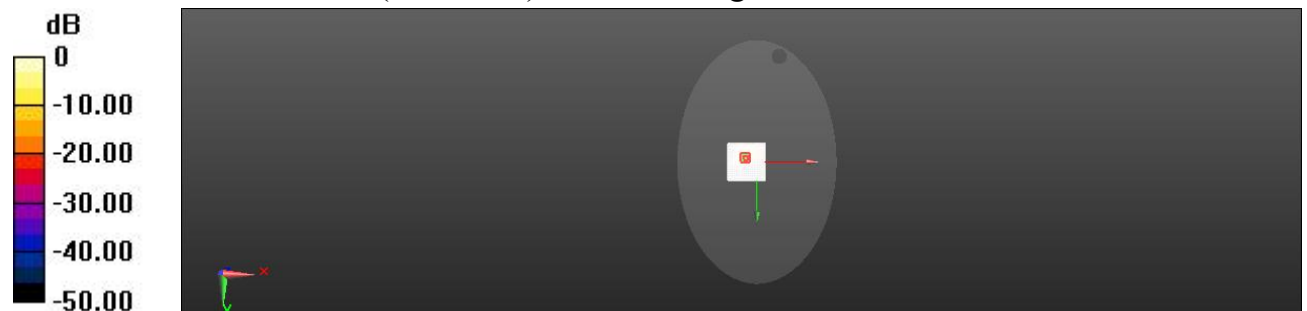
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.198 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 16%

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



0 dB = 0.700 W/kg = -1.55 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; $\sigma = 1.827$ S/m; $\epsilon_r = 39.101$; $\rho = 1000$ 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/Faceup Mid 2/Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 6.319 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (interpolated) = 0.194 W/kg

BT Flat/Faceup Mid 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.319 V/m; Power Drift = 0.04 dB

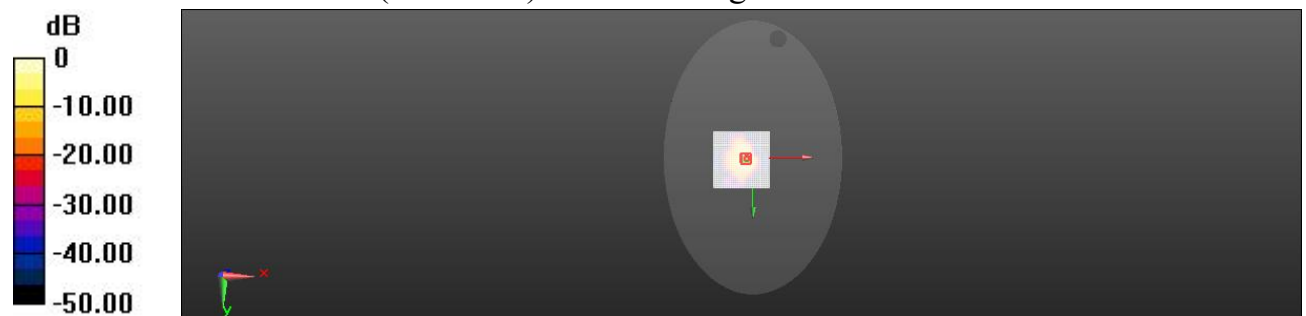
Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.062 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg