

Appendix B

Detailed Test Results

1. SRD
2.4G SRD
2. BT
BT



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Test Laboratory: SGS-SAR Lab

2.4G SRD 1M 2480MHz Left side 0mm

DUT: Amelia T3 V3; Type: Wireless earphone; Serial: M12547D43700654

Communication System: UID 0, SDR 2.4G (0); Frequency: 2480 MHz; Duty Cycle: 1:1.156

Medium: HSL; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 38.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.4, 7.4, 7.4); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.290 W/kg

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

Reference Value = 8.830 V/m; Power Drift = -0.05 dB

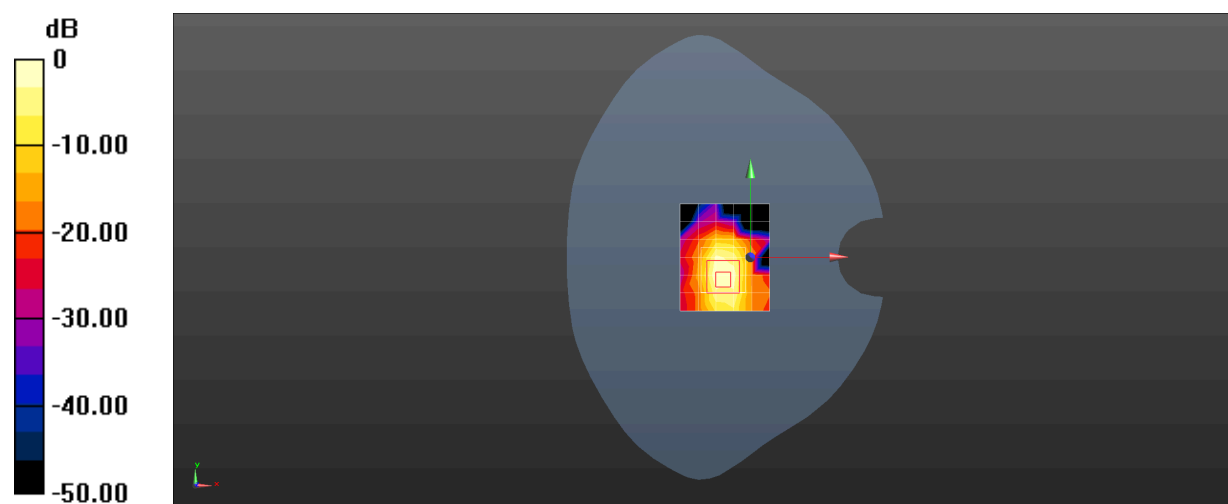
Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.077 W/kg

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 32.1%

Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Test Laboratory: SGS-SAR Lab

2.4G SRD 1M 2402MHz Right side 0mm

DUT: Amelia T3 V3; Type: Wireless earphone; Serial: M12547D43700654

Communication System: UID 0, SDR 2.4G (0); Frequency: 2402 MHz; Duty Cycle: 1:1.156

Medium: HSL; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.777$ S/m; $\epsilon_r = 38.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.4, 7.4, 7.4); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.396 W/kg

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

Reference Value = 13.62 V/m; Power Drift = -0.15 dB

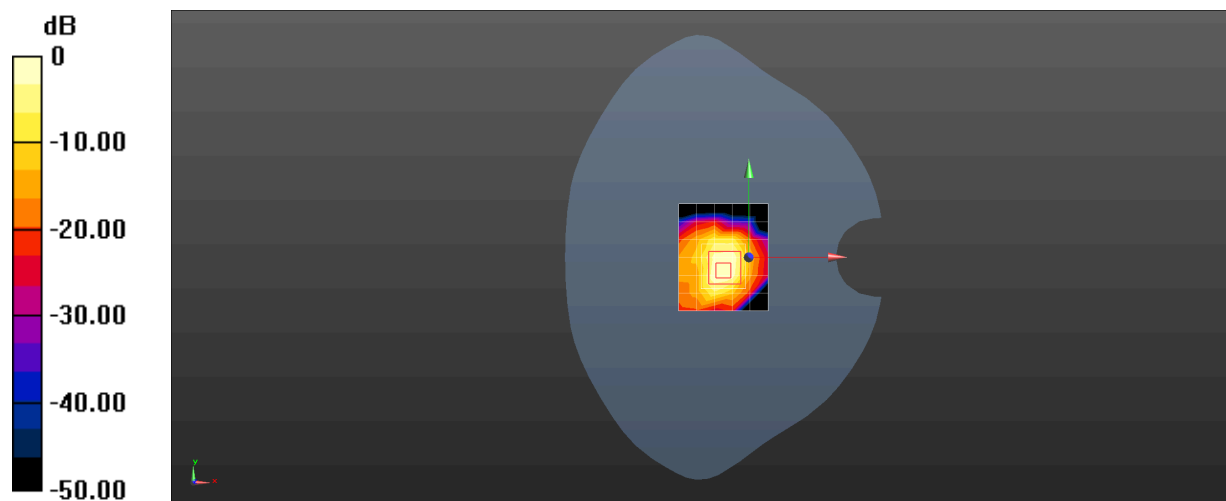
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.134 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 0.705 W/kg



0 dB = 0.396 W/kg = -4.03 dBW/kg

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 78CH Left side 0mm

DUT: Amelia T3 V3; Type: Wireless earphone; Serial: M12547D43700654

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 38.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.4, 7.4, 7.4); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.251 W/kg

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

Reference Value = 8.112 V/m; Power Drift = 0.00 dB

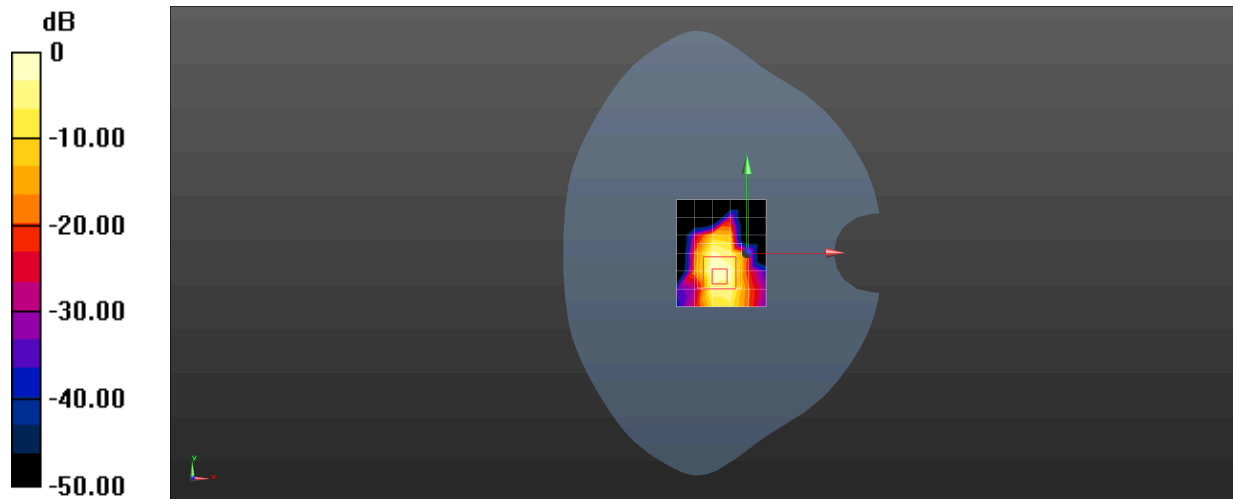
Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.4%

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.251 W/kg = -6.01 dBW/kg

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 0CH Right side 0mm

DUT: Amelia T3 V3; Type: Wireless earphone; Serial: M12547D43700654

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.296

Medium: HSL;Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.777 \text{ S/m}$; $\epsilon_r = 38.641$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.4, 7.4, 7.4); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.351 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 12.22 V/m ; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.952 W/kg
SAR(1 g) = 0.286 W/kg ; SAR(10 g) = 0.102 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 36.8%
Maximum value of SAR (measured) = 0.552 W/kg

