

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

1. BT Head-worn 0mm SAR

Date: 31.12.2024

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q24121821-1E

Serial: S24121821-005

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz;Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2441\text{ MHz}$, $\sigma = 1.746\text{ S/m}$, $\epsilon_r = 39.965$, $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2441 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/L Right side 3DH5 2441/Area Scan (6x6x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.108 W/kg

Configuration/L Right side 3DH5 2441/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.317 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.158 W/kg

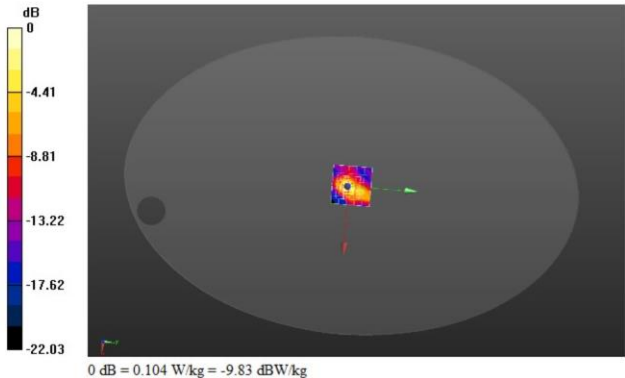
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.021 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.2%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.104 W/kg



Date: 31.12.2024

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

Q24121821-1E

Serial: S24121821-005

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2402 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2402$ MHz, $\sigma = 1.718$ S/m, $\epsilon_r = 39.978$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2402 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/R Left side 3DH5 2402/Area Scan (6x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0449 W/kg

Configuration/R Left side 3DH5 2402/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.059 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00914 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 41.2%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0444 W/kg

