

Appendix B

Highest Test Plots

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1. 2.4G Head-worn 0mm SAR 3

1. 2.4G Head-worn 0mm SAR

Date: 17.04.2025

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

Q25030625-1E-R

Serial: S25030625-005

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.74 \text{ S/m}$; $\epsilon_r = 37.939$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2480 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/ANT1 Top side 3DH5 2480 MHz/Area Scan (5x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.363 W/kg

Configuration/ANT1 Top side 3DH5 2480 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.33 V/m; Power Drift = -0.19 dB

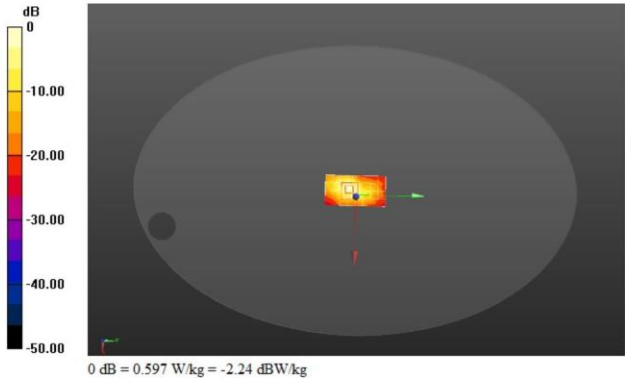
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 31.6%

Maximum value of SAR (measured) = 0.597 W/kg



Date: 17.04.2025

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

Q25030625-1E-R

Serial: S25030625-005

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2440 MHz;Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.706 \text{ S/m}$; $\epsilon_r = 37.978$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2440 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/ANT2 Bottom side BLE 1M 2440 MHz/Area Scan (6x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.0938 W/kg

Configuration/ANT2 Bottom side BLE 1M 2440 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.049 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.018 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 38.7%
Maximum value of SAR (measured) = 0.108 W/kg

