

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

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Date: 15.05.2024

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

Q24020411-2E

DUT: BLUETOOTH HEADSET; Model Number: WAVE BEAM2; Serial: S24020411-012

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, $\sigma = 1.786$ S/m, $\epsilon_r = 39.286$, $\rho = 1000$ kg/m³

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); 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/L Right side DH5 2402/Area Scan (6x7x1); Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.616 W/kg

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

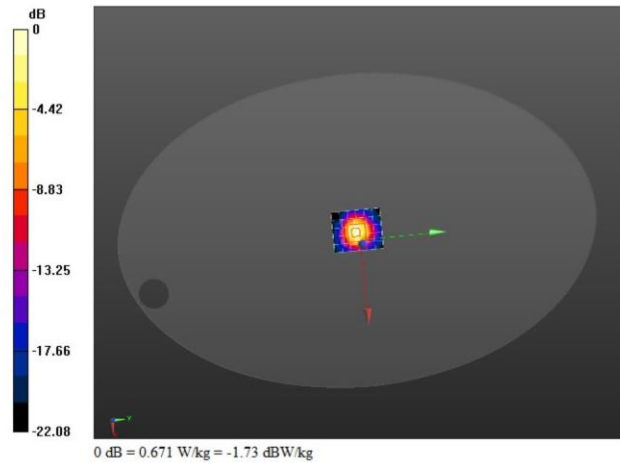
Reference Value = 19.92 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.166 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.671 W/kg



Date: 15.05.2024

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

Q24020411-2E

DUT: BLUETOOTH HEADSET; Model Number: WAVE BEAM2; Serial: S24020411-012

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): $f = 2441$ MHz, $\sigma = 1.812$ S/m, $\epsilon_r = 39.263$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; Com:F(7.95, 7.95, 7.95); 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/R Right side DH5 2441/Area Scan (6x7x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.490 W/kg

Configuration/R Right side DH5 2441/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.360 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.139 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.15 W/kg

