

Appendix B

Highest Test Plots

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1. BR/EDR Top side 3DH5 78-channel head 0mm

Date: 10.01.2023

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

DASY51

DUT: Wireless Headset; M/N: RDA0047

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: $f = 2480$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 37.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top Side BT 3DH5 CH78/Area Scan (9x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.160 W/kg

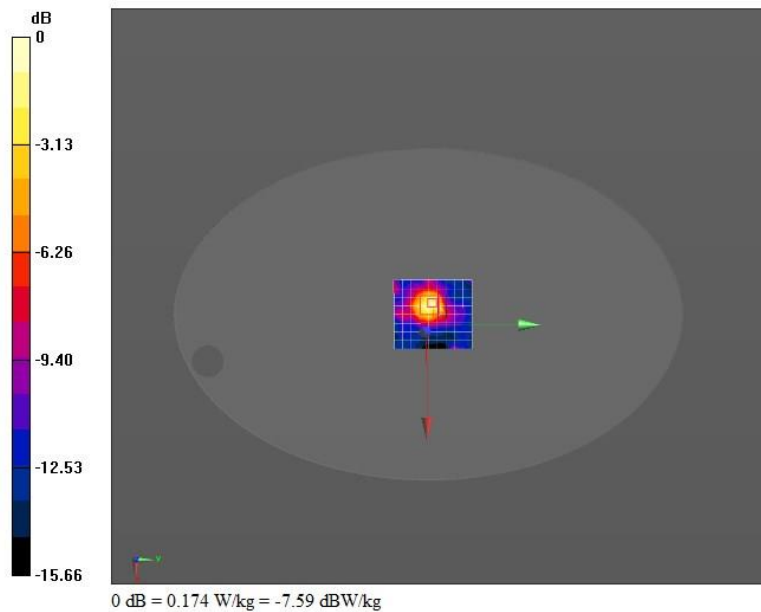
Configuration/Top Side BT 3DH5 CH78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.033 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.174 W/kg



2. BLE Top side 39-channel head 0mm

Date: 10.01.2023

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd.

DASY51

DUT: Wireless Headset; M/N: RDA0047

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 37.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

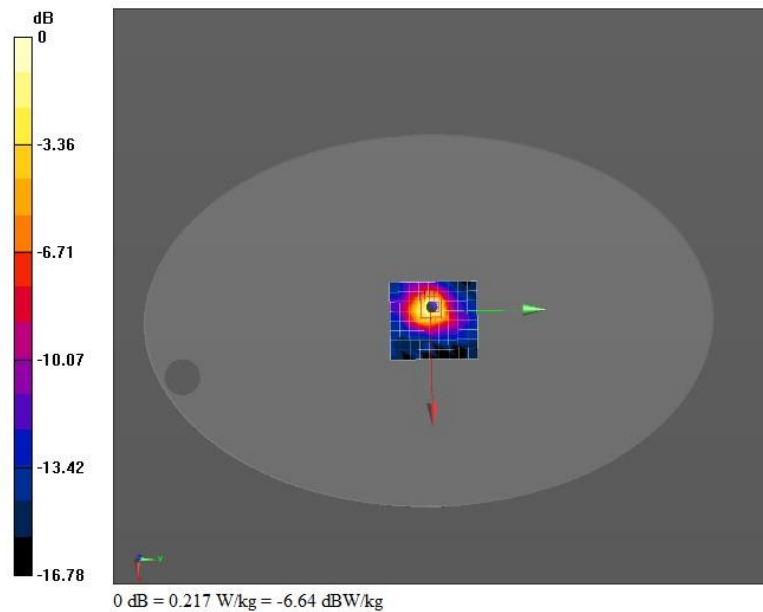
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top Side BLE CH39/Area Scan (9x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.205 W/kg

Configuration/Top Side BLE CH39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 7.381 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.217 W/kg



3. SRD Top side 38-channel head 0mm

Date: 10.01.2023

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

DASY51**DUT: Wireless Headset; M/N: RDA0047**

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2478 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used: $f = 2478$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 37.782$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP-1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top Side SRD CH38/Area Scan (9x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.116 W/kg

Configuration/Top Side SRD CH38/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 5.538 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.119 W/kg

