

Appendix B:SAR Measurement results Plots

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Bluetooth- Head
Bluetooth- Body

Test Laboratory: CTI SAR Lab

OVER THE EAR HYBRIC ANC HEADPHONE GFSK 2402CH Left Hand Touch Cheek

DUT: OVER THE EAR HYBRIC ANC HEADPHONE; Type: NA; Serial: NA

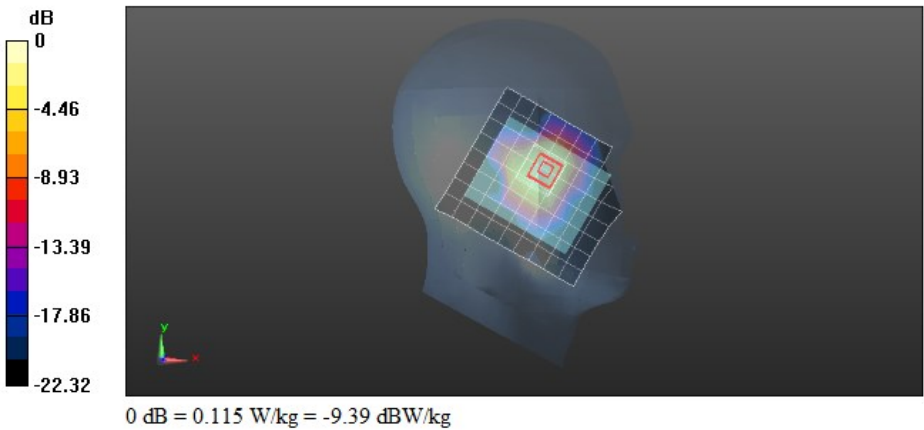
Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth 4.0; Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.795 \text{ S/m}$; $\epsilon_r = 40.767$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.63, 7.63, 7.63); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn373; Calibrated: 1/3/2024
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.103 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.051 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.115 W/kg



Test Laboratory: CTI SAR Lab

OVER THE EAR HYBRIC ANC HEADPHONE GFSK 2402CH Back Side 0mm

DUT: OVER THE EAR HYBRIC ANC HEADPHONE; Type: NA; Serial: NA

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth 4.0; Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2402\text{ MHz}$; $\sigma = 1.795\text{ S/m}$; $\epsilon_r = 40.767$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.63, 7.63, 7.63); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn373; Calibrated: 1/3/2024
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.421 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.46 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.518 W/kg

