

# Appendix B

## Detailed Test Results

1. Bluetooth
--------------

Test Laboratory: SGS-SAR Lab

## T0005 Bluetooth DH5 78CH with Left Head\_Rear Touch\_0mm

**DUT: T0005; Type: Wireless Earphone; Serial: 0074**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7) @ 2480 MHz; Calibrated: 2020-07-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.383 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.22 V/m; Power Drift = 0.07 dB

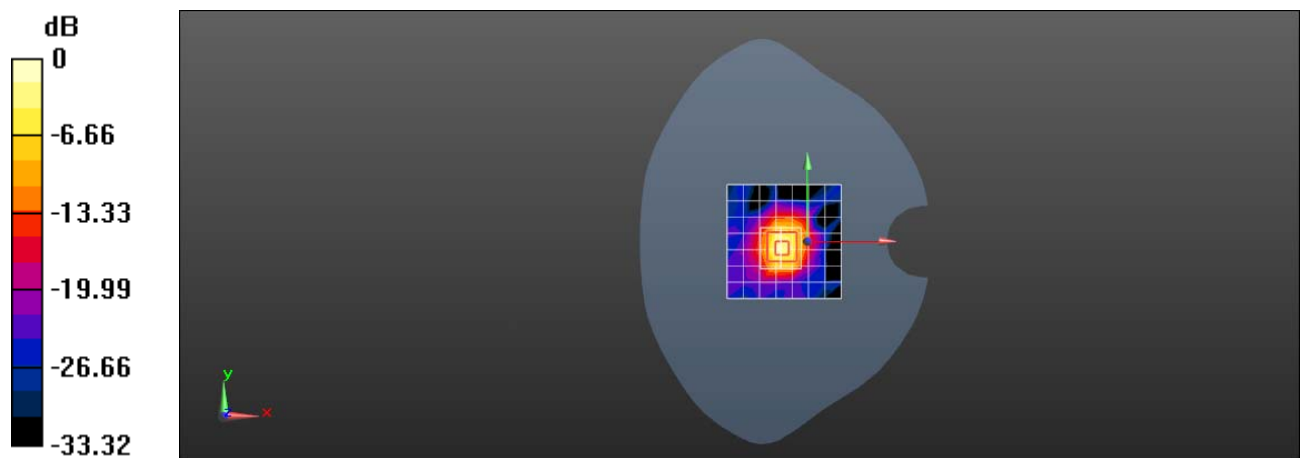
Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.144 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

Test Laboratory: SGS-SAR Lab

## T0005 Bluetooth DH5 78CH with Right Head\_Rear Touch\_0mm

**DUT: T0005; Type: Wireless Earphone; Serial: 0786**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7) @ 2480 MHz; Calibrated: 2020-07-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2020-08-13
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

**Configuration/Body/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.250 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.06 V/m; Power Drift = -0.01 dB

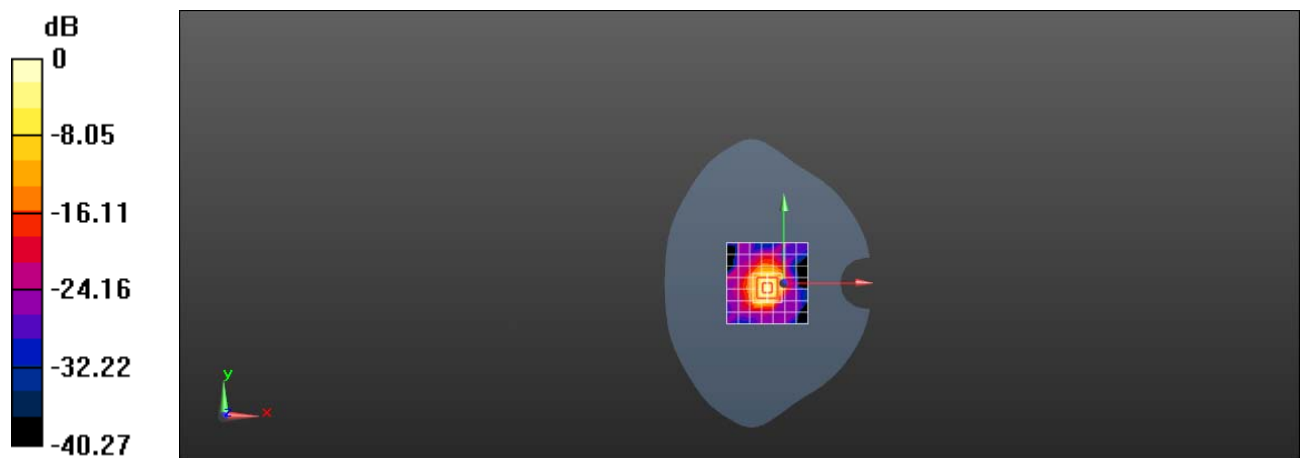
Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.120 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 37.7%

Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg = -3.48 dBW/kg