

# Appendix B

## Detailed Test Results

BT for Head



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**Bluetooth DH5 78CH Left Earphone Left side 0mm**

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 2480.000$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 38.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

**Area Scan (96.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.329 W/kg; SAR (10g) = 0.119 W/kg;

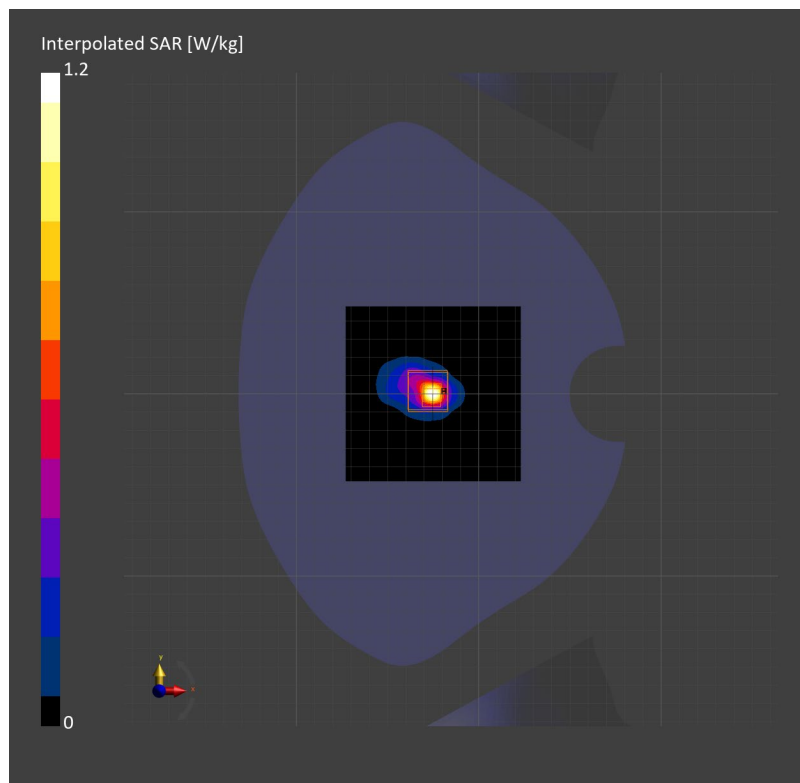
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.03 dB

**SAR (1g) = 0.328 W/kg; SAR (10g) = 0.098 W/kg;**

M2/M1 [%]=45.2

Dist 3dB Peak [mm]=6.5



**Bluetooth DH5 39CH Right Earphone Right side 0mm**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 2441.000$  MHz;  $\sigma = 1.80$  S/m;  $\epsilon_r = 38.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

**Area Scan (96.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.226 W/kg; SAR (10g) = 0.094 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.09 dB

**SAR (1g) = 0.275 W/kg; SAR (10g) = 0.082 W/kg;**

M2/M1 [%]=41.3

Dist 3dB Peak [mm]=5.9

