

# Appendix B

## Detailed Test Results

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| WIFI 2.4G for Body |
| WIFI 5G for Body   |
| BT for Body        |



SGS-CSTC Standards Technical Services Co., Ltd.  
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**AiPaper Mini WIFI 2.4G 802.11b 1CH Back side 0mm****AiPaper Mini**

Communication System: WLAN 2.4GHz; Frequency: 2412.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 2412.000$  MHz;  $\sigma = 1.74$  S/m;  $\epsilon_r = 38.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

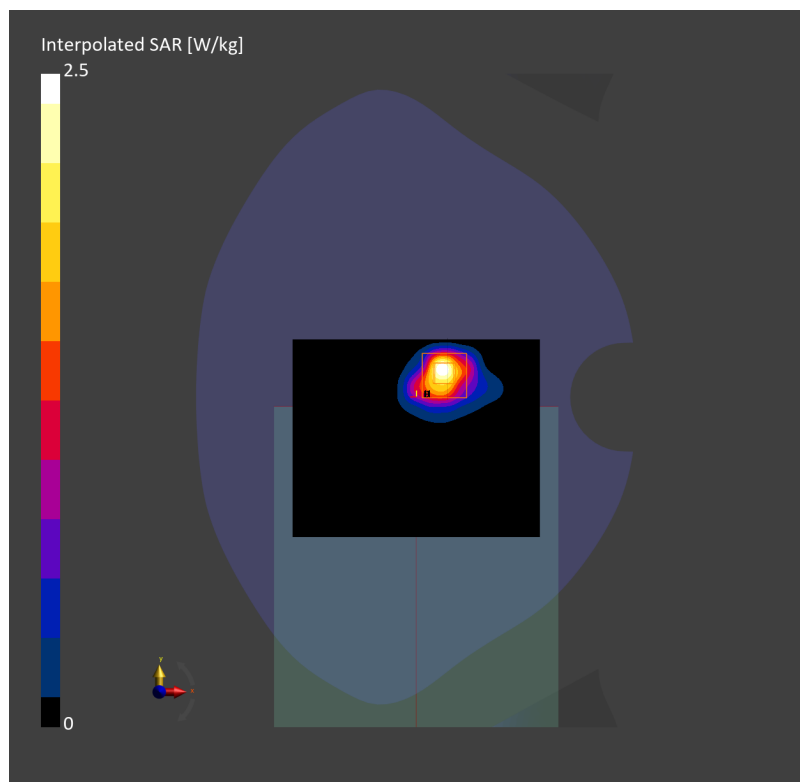
**Area Scan (120.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.651 W/kg; SAR (10g) = 0.287 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 = 0.07 dB

SAR (1g) = 0.915 W/kg; SAR (10g) = 0.314 W/kg;



**AiPaper Mini WIFI 5G 802.11a 48CH Back side 0mm****AiPaper Mini**

Communication System: WLAN 5GHz; Frequency: 5240.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 5240.000$  MHz;  $\sigma = 4.68$  S/m;  $\epsilon_r = 36.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.6, 5.6, 5.6); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

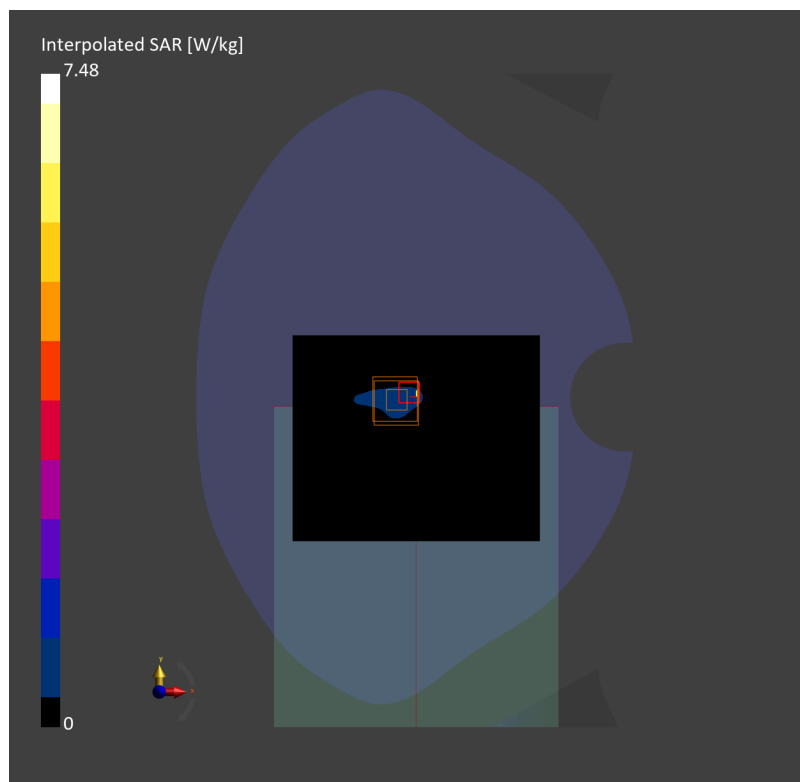
**Area Scan (120.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.795 W/kg; SAR (10g) = 0.261 W/kg;

**Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm

Power Drift = -0.08 dB

SAR (1g) = 1.15 W/kg; SAR (10g) = 0.340 W/kg;



**AiPaper Mini Bluetooth DH5 39CH Back side 0mm****AiPaper Mini**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000

Medium: Head Simulating Liquid. Medium parameters used:  $f = 2441.000$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 38.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

**Area Scan (120.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.204 W/kg; SAR (10g) = 0.076 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 = 0.02 dB

SAR (1g) = 0.204 W/kg; SAR (10g) = 0.067 W/kg;

