

Appendix B

Detailed Test Results

WIFI 2.4G for Head, Body & Limbs
WIFI 5G for Head, Body & Limbs
BT for Head, Body & Limbs

AC004 Bluetooth DH5 78CH Top side 0mm Ant0**AC004**

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000

Medium: HSL. Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 37.9$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

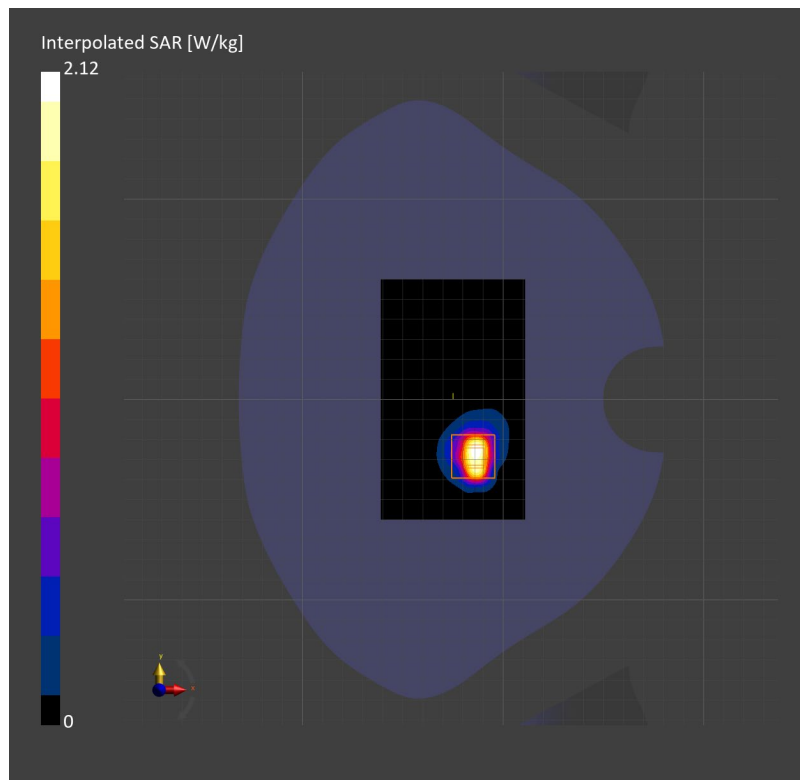
Area Scan (72.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.699 W/kg; SAR (10g) = 0.271 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) = 0.725 W/kg; SAR (10g) = 0.233 W/kg;



AC004 Bluetooth DH5 78CH Top side 10mm Ant0**AC004**

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DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

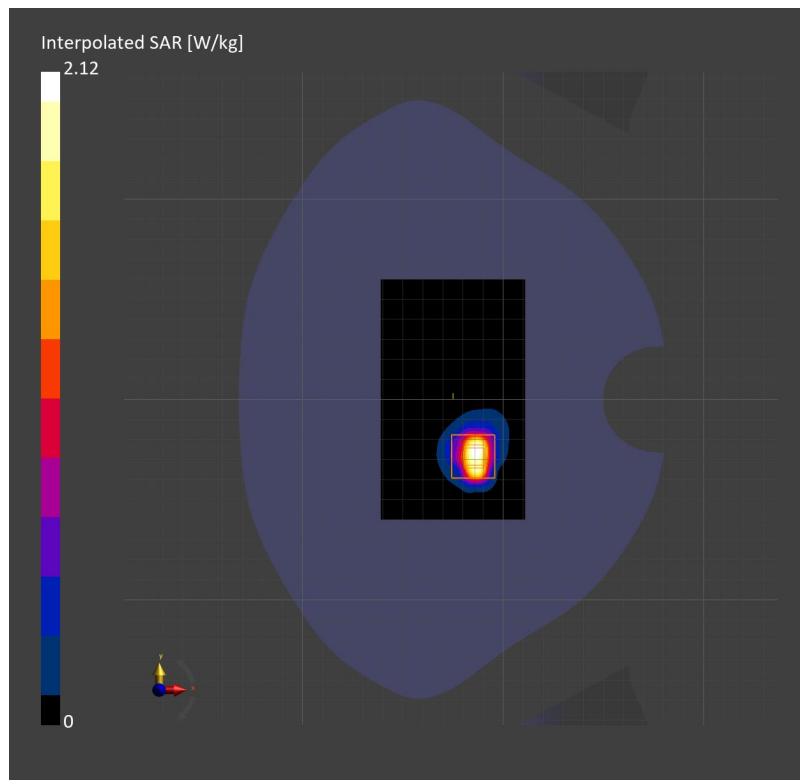
Area Scan (72.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.258 W/kg; SAR (10g) = 0.101 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) = 0.273 W/kg; SAR (10g) = 0.099 W/kg;



AC004 WIFI 2.4G 802.11b 11CH Top side 0mm Ant0**AC004**

Communication System: WLAN 2.4GHz; Frequency: 2462.000

Medium: HSL. Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

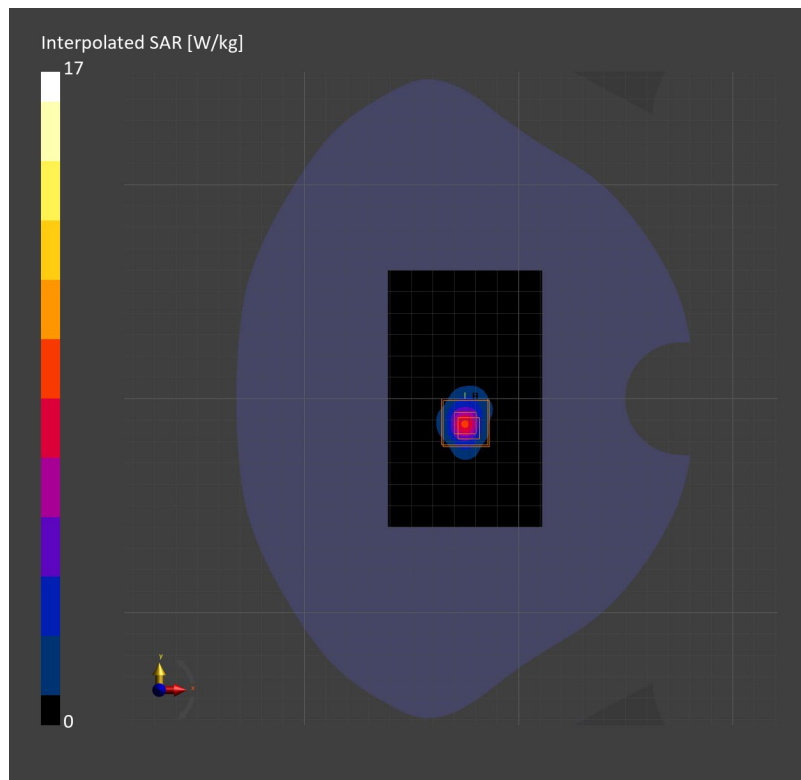
Area Scan (72.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 5.83 W/kg; SAR (10g) = 2.10 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 = 0.00 dB

SAR (1g) = 6.01 W/kg; SAR (10g) = 1.92 W/kg;



AC004 WIFI 2.4G 802.11b 6CH Top side 10mm Ant0**AC004**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: HSL. Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(6.97, 7.23, 7.47); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

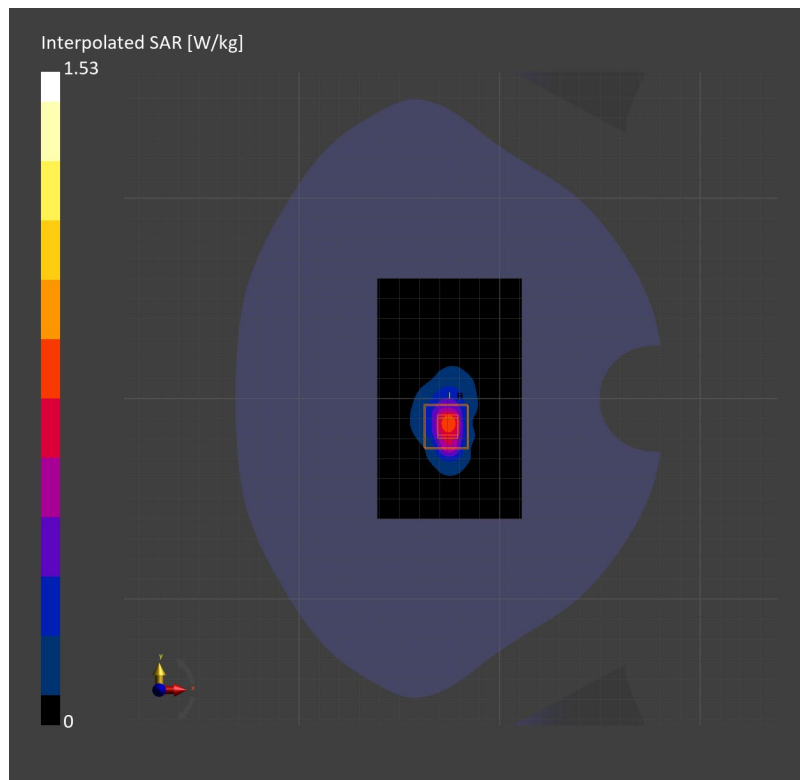
Area Scan (72.0 mm x 120.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.631 W/kg; SAR (10g) = 0.260 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 = 0.00 dB

SAR (1g) = 0.675 W/kg; SAR (10g) = 0.268 W/kg;



AC004 WIFI 5G 802.11a 149CH Top side 0mm Ant1**AC004**

Communication System: WLAN 5GHz; Frequency: 5745.000

Medium: HSL. Medium parameters used: $f = 5745.000$ MHz; $\sigma = 5.47$ S/m; $\epsilon_r = 35.7$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.15, 5.15, 5.15); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

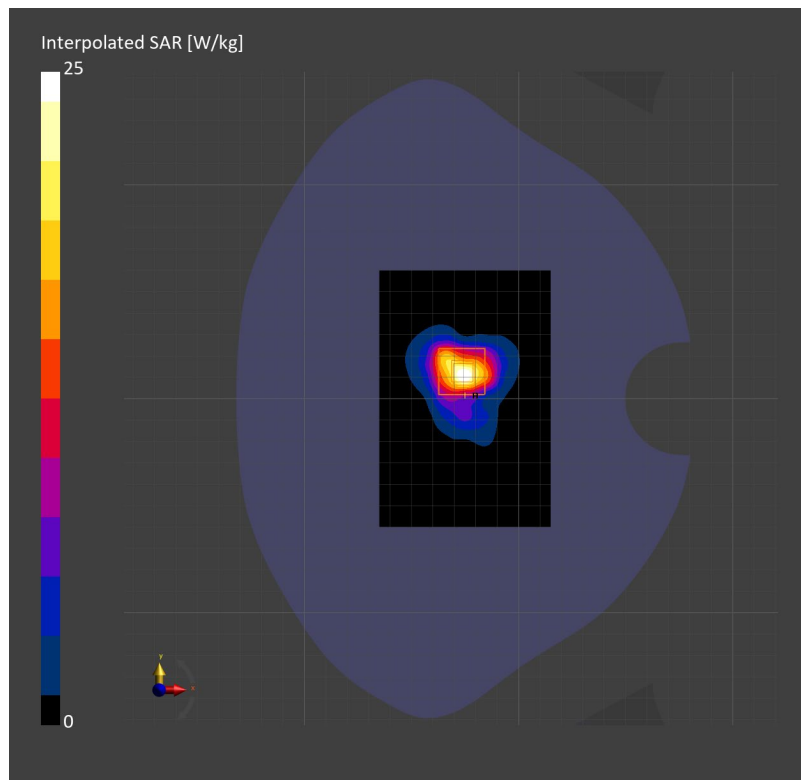
Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 4.72 W/kg; SAR (10g) = 1.68 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 = -0.11 dB

SAR (1g) = 5.61 W/kg; SAR (10g) = 1.79 W/kg;



AC004 WIFI 5G 802.11ac 80M 155CH Top side 10mm MIMO**AC004**

Communication System: WLAN 5GHz; Frequency: 5775.000

Medium: HSL. Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.20$ S/m; $\epsilon_r = 35.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.15, 5.15, 5.15); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.03 W/kg; SAR (10g) = 0.328 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 = 0.01 dB

SAR (1g) = 1.15 W/kg; SAR (10g) = 0.347 W/kg;

