

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4G for Body
WIFI 5G for Body
2. BT
BT for Body

Measurement Report for Device, EDGE 2, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), Channel 6 (2437.0 MHz)

Communication System: WLAN 2.4GHz; Frequency: 2437.0

Medium: HSL. Medium parameters used: $f = 2437.0$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 38.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.26, 7.26, 7.26); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
- Measurement Software: cDASY8 V16.2.0.1425

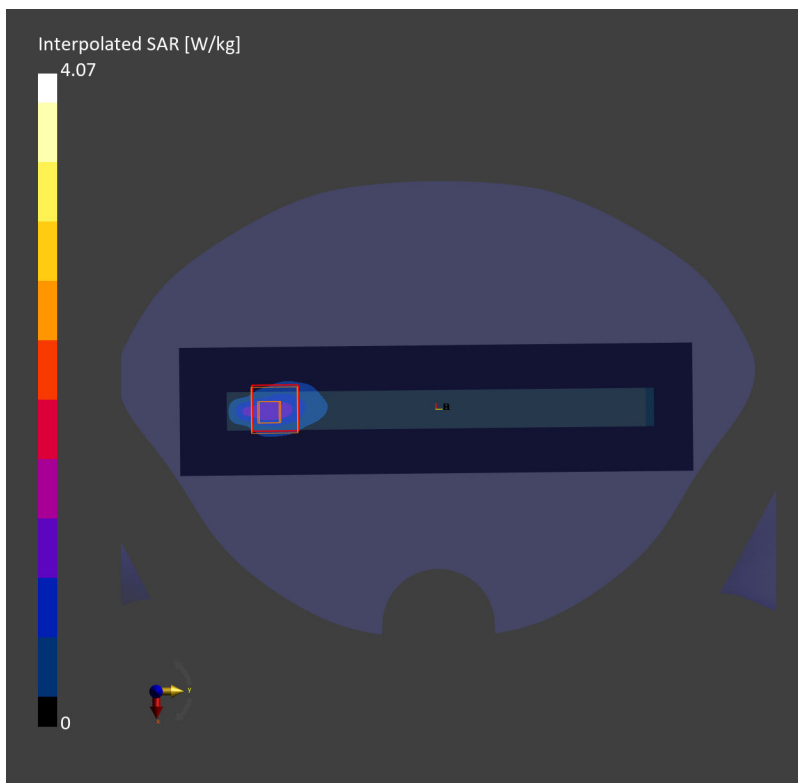
Area Scan (60.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.892 W/kg; SAR (10g) = 0.385 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 2.6 mm x 2.6 mm x 1.2 mm

Power Drift = 0.07 dB

SAR (1g) = 0.875 W/kg; SAR (10g) = 0.368 W/kg;



Date: 2023-08-23

**Measurement Report for Device, EDGE 2, WLAN 5GHz, IEEE 802.11ac WiFi
(160MHz, MCS0, 99pc duty cycle), Channel 50 (5250.0 MHz)**

Communication System: WLAN 5GHz; Frequency: 5250.0

Medium: HSL. Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.78$ S/m; $\epsilon_r = 36.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(5.2, 5.2, 5.2); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
- Measurement Software: cDASY8 V16.2.0.1425

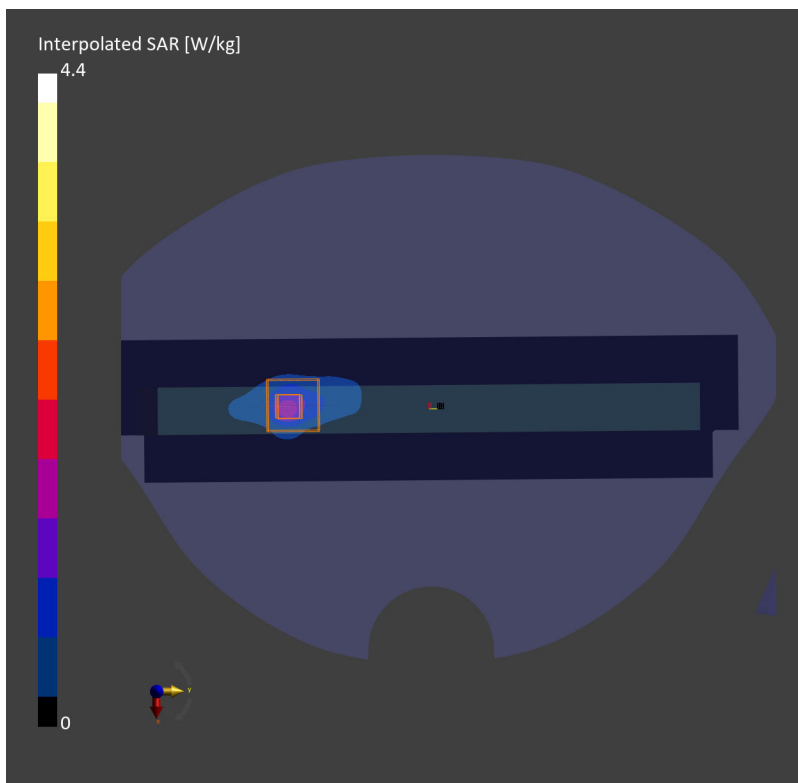
Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.15 W/kg; SAR (10g) = 0.356 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.15 dB

SAR (1g) = 0.971 W/kg; SAR (10g) = 0.354 W/kg;



**Measurement Report for Device, EDGE 2, WLAN 5GHz, IEEE 802.11ac WiFi
(160MHz, MCS0, 99pc duty cycle), Channel 114 (5570.0 MHz)**

Communication System: WLAN 5GHz; Frequency: 5570.0

Medium: HSL. Medium parameters used: $f = 5570.0$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 35.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.56, 4.56, 4.56); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
- Measurement Software: cDASY8 V16.2.0.1425

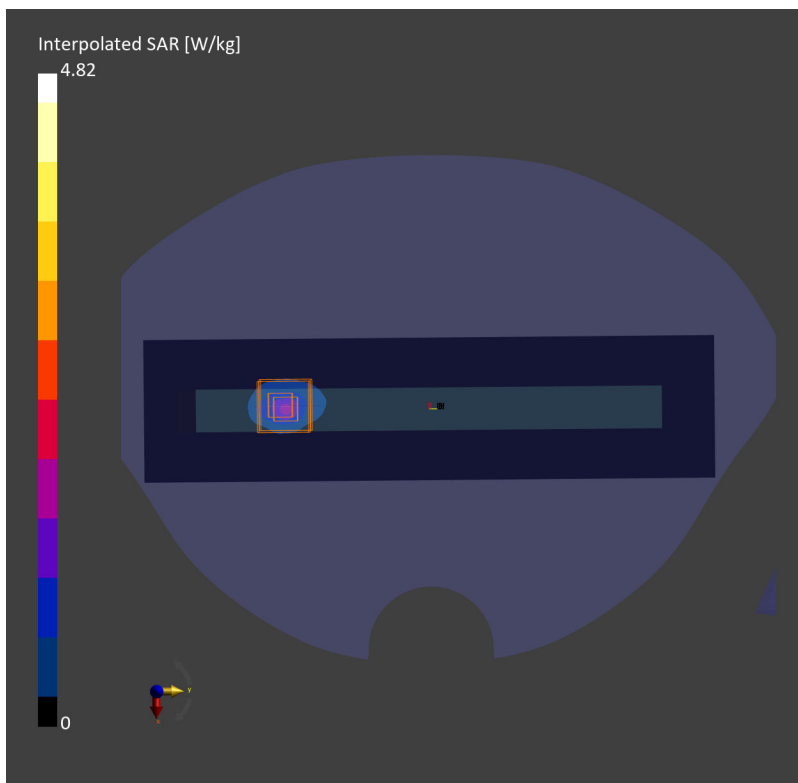
Area Scan (60.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.10 W/kg; SAR (10g) = 0.326 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 0.928 W/kg; SAR (10g) = 0.322 W/kg;



Date: 2023-08-28

Measurement Report for Device, EDGE 2, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 155 (5775.0 MHz)

Communication System: WLAN 5GHz; Frequency: 5775.0

Medium: HSL. Medium parameters used: $f = 5775.0$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.1$

DASY8 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.64, 4.64, 4.64); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
- Measurement Software: cDASY8 V16.2.0.1425

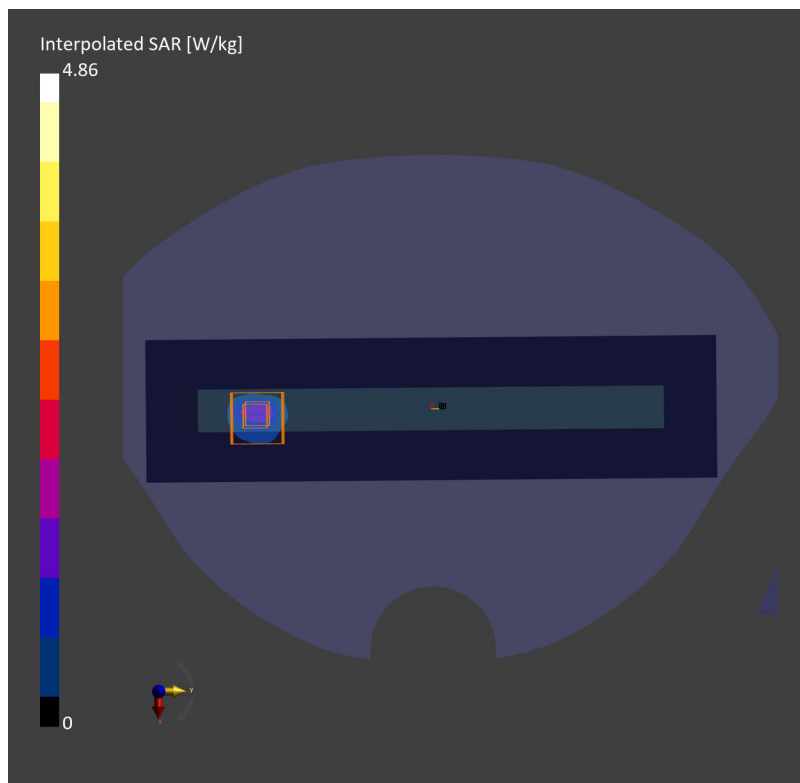
Area Scan (60.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.305 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 0.982 W/kg; SAR (10g) = 0.303 W/kg;



Measurement Report for Device, EDGE 4, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 39 (2441.0 MHz)

Communication System: ISM 2.4 GHz Band; Frequency: 2441.0

Medium: HSL. Medium parameters used: $f = 2441.0$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 38.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.26, 7.26, 7.26); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2103
- Measurement Software: cDASY8 V16.2.0.1425

Area Scan (60.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.195 W/kg; SAR (10g) = 0.079 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) = 0.191 W/kg; SAR (10g) = 0.070 W/kg;

