

Appendix B

Detailed Test Results

WIFI 2.4G for Body

BT for Body



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CI-CR-101-YWIFI 2.4G 802.11b 6CH Back side 0mm Ant0**CI-CR-101-Y**

Communication System: WLAN 2.4GHz; Frequency: 2437.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.272 W/kg; SAR (10g) = 0.117 W/kg;

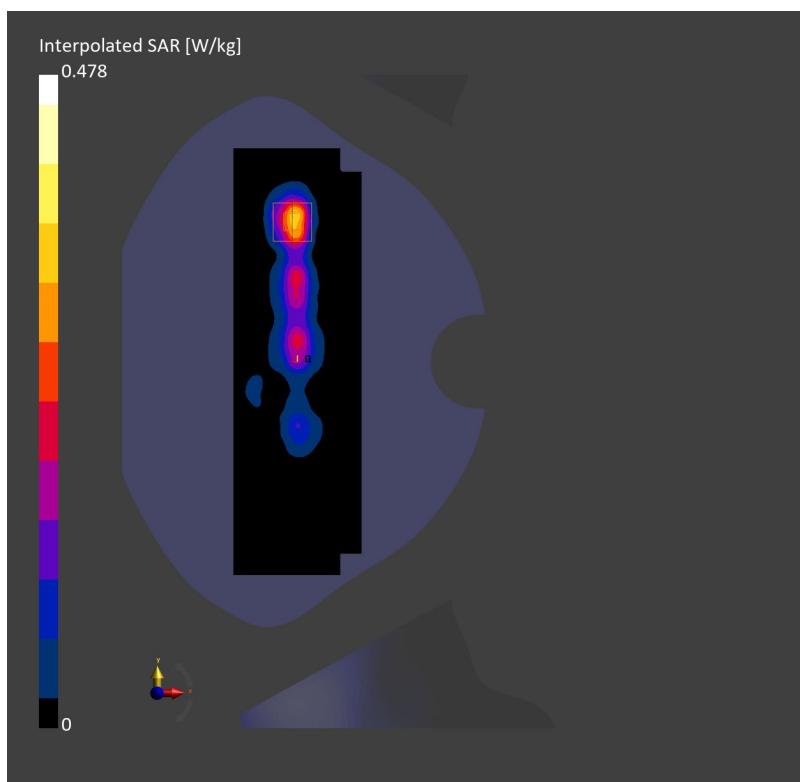
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.08 dB

SAR (1g) = 0.302 W/kg; SAR (10g) = 0.120 W/kg;

M2/M1 [%]=73.0

Dist 3dB Peak [mm]=6.8



CI-CR-101-Y Bluetooth BLE 1M 78CH Back side 0mm Ant0**CI-CR-101-Y**

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; $\epsilon_r = 38.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.5, 7.5, 7.5); Calibrated: 2024-08-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2024-10-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (72.0 mm x 240.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.114 W/kg; SAR (10g) = 0.051 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 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.142 W/kg; SAR (10g) = 0.054 W/kg;

M2/M1 [%]=73.2

Dist 3dB Peak [mm]=6.0

