

Date: 2024-09-18

#01_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch11

Communication System: IEEE 802.11b ; Frequency: 2462.000 MHz

Medium: HSL Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 38.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2144; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

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

SAR (1g) = 0.587 W/kg; SAR (10g) = 0.282 W/kg;

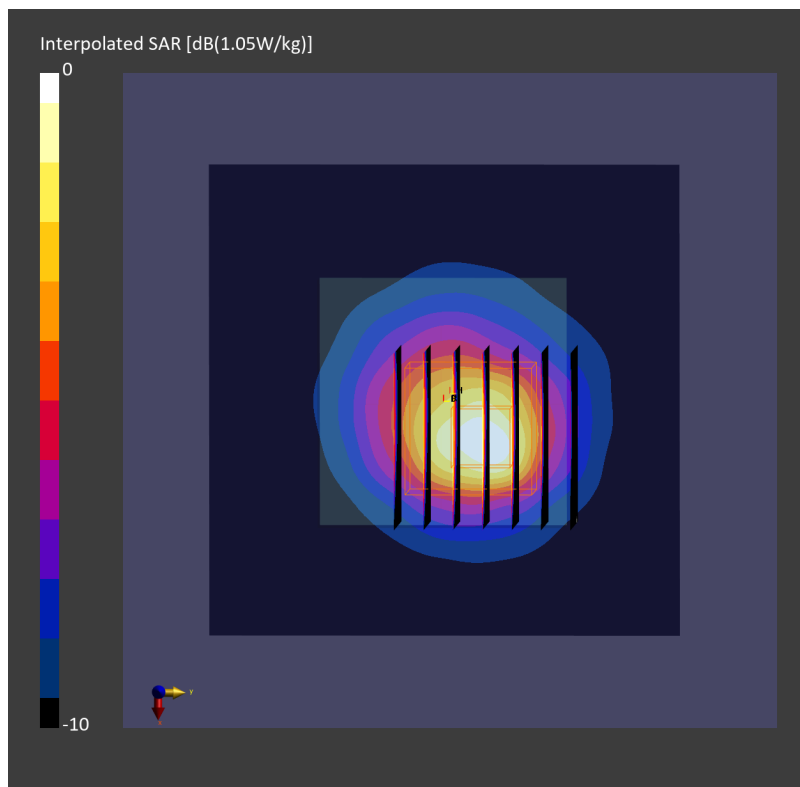
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.596 W/kg; SAR (8g) = 0.334 W/kg; SAR (10g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 84.3 %



Date: 2024-09-18

#02_Bluetooth_1Mbps_Back_0mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth ; Frequency: 2441.000 MHz

Medium: HSL_2450_240918 Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 38.8$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2144; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

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

SAR (1g) = 0.100 W/kg; SAR (10g) = 0.048 W/kg;

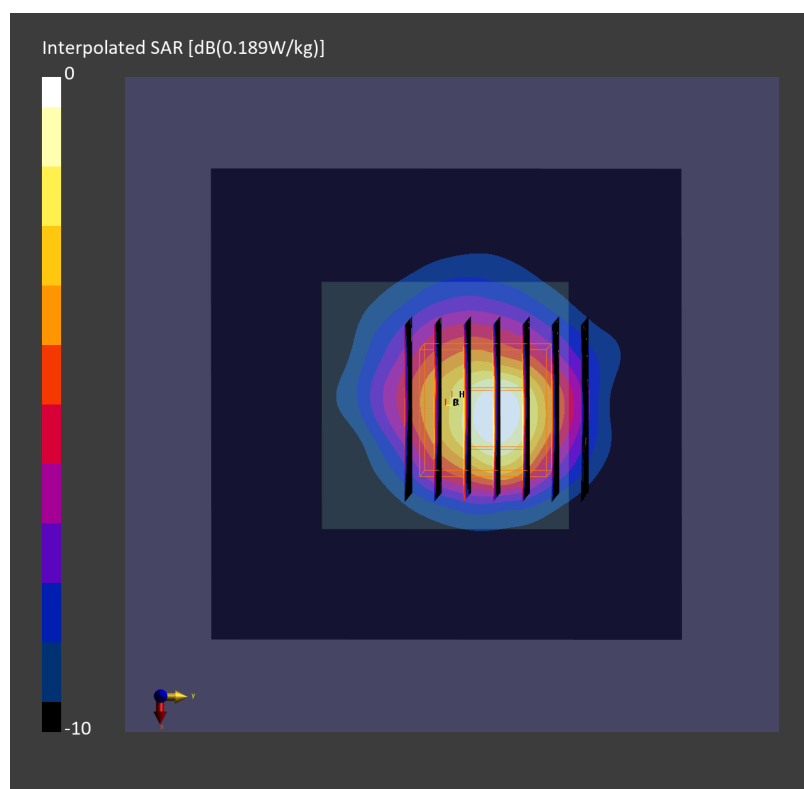
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.08 dB

SAR (1g) = 0.106 W/kg; SAR (8g) = 0.058 W/kg; SAR (10g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 85.0 %



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/9/18

#03_NFC_ASK_13.56MHz_Back_0mm

Communication System: UID 0, NFC; Frequency: 13.56 MHz

Medium: HSL_13_240918 Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.562$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(18.48, 18.48, 18.48) @ 13.56 MHz; Calibrated: 2023/10/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2024/2/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1029
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 0 V/m; Power Drift = 0 dB

Fast SAR: SAR(1 g) = 0.001 W/kg; SAR(10 g) = 0.001 W/kg

Maximum value of SAR (interpolated) = 0 W/kg

