

# Appendix B

## Detailed Test Results

WIFI 2.4G for Body & Limbs
BT for Body & Limbs

Test Laboratory: SGS-SAR Lab

## T001 Bluetooth BLE 1M 19CH Front side 0mm

### DUT: T001

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.491

Medium: HSL2450; Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.792$  S/m;  $\epsilon_r = 39.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (10x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.181 W/kg

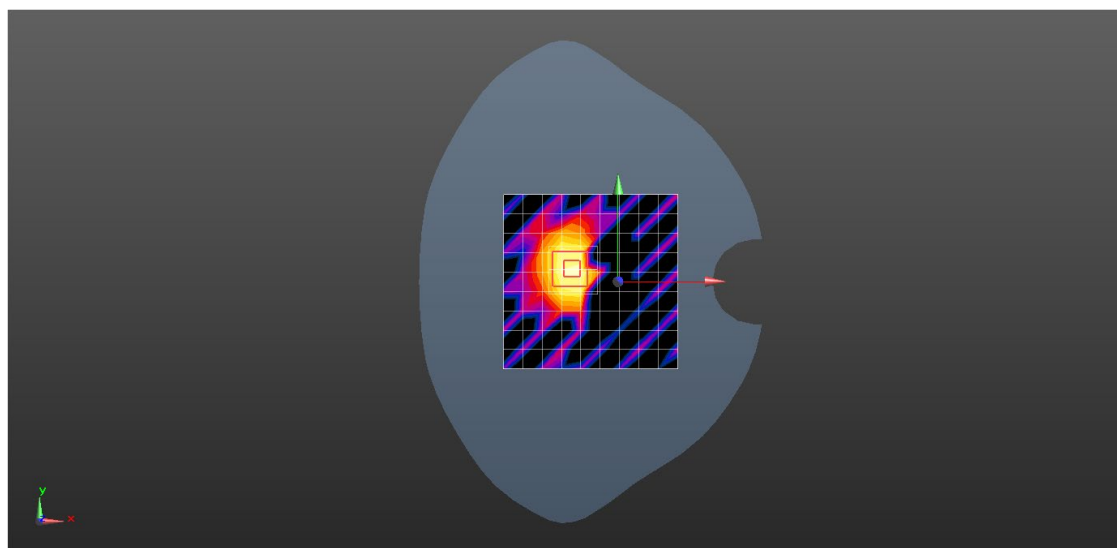
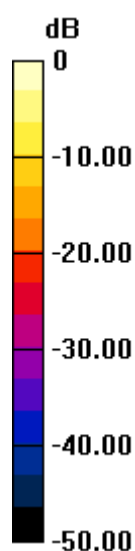
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.333 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Laboratory: SGS-SAR Lab

## T001 WIFI 2.4G 802.11b 1CH Front side 0mm

### DUT: T001

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (10x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.56 W/kg

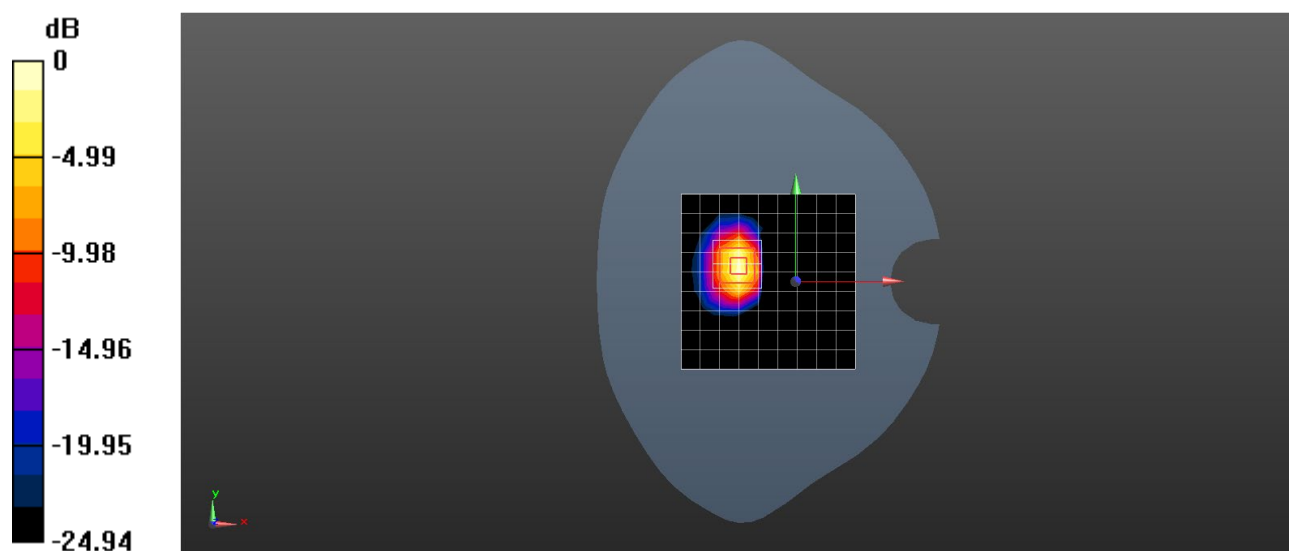
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.395 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.65 W/kg

**SAR(1 g) = 1.63 W/kg; SAR(10 g) = 0.655 W/kg**

Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg

Test Laboratory: SGS-SAR Lab

## T001 Bluetooth BLE 1M 39CH Front side 5mm

### DUT: T001

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.491

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.844$  S/m;  $\epsilon_r = 39.787$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (10x10x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.133 W/kg

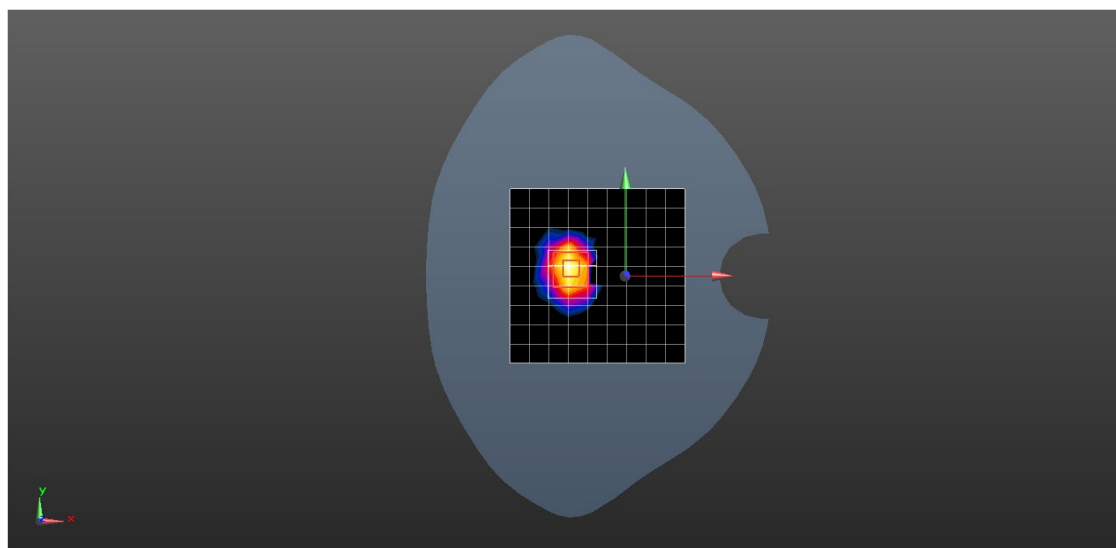
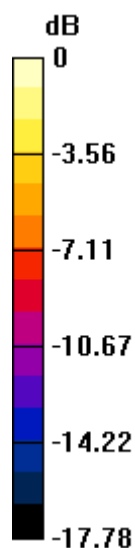
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.852 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.174 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.138 W/kg = -8.60 dBW/kg

Test Laboratory: SGS-SAR Lab

## T001 WIFI 2.4G 802.11b 1CH Front side 5mm

### DUT: T001

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(7.4, 7.32, 7.42); Calibrated: 2023/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2024/4/16
- Phantom: SAM 6; Type: SAM Twin; Serial: 1913
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (10x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.43 W/kg

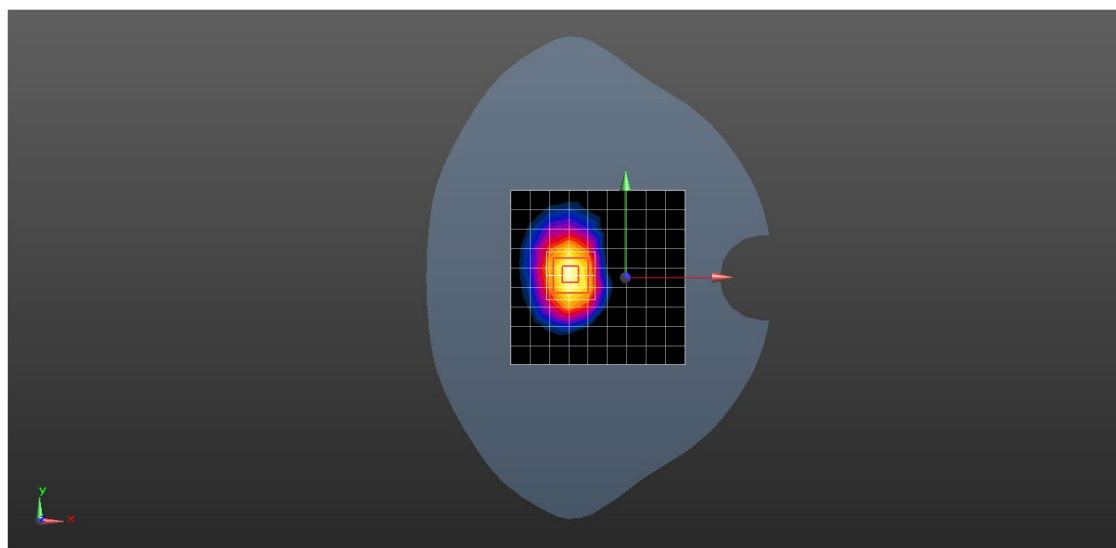
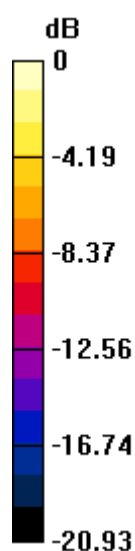
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.795 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg