# Appendix B
## Detailed Test Results

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| Bluetooth for Body |
| WIFI 2.4G for Body |
| WIFI 5G for Body |


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Date: 2024/11/26

Test Laboratory: SGS-SAR Lab

**LS-PT-01 Bluetooth BLE 1M 19CH Right side 0mm**

**DUT: LS-PT-01;**

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

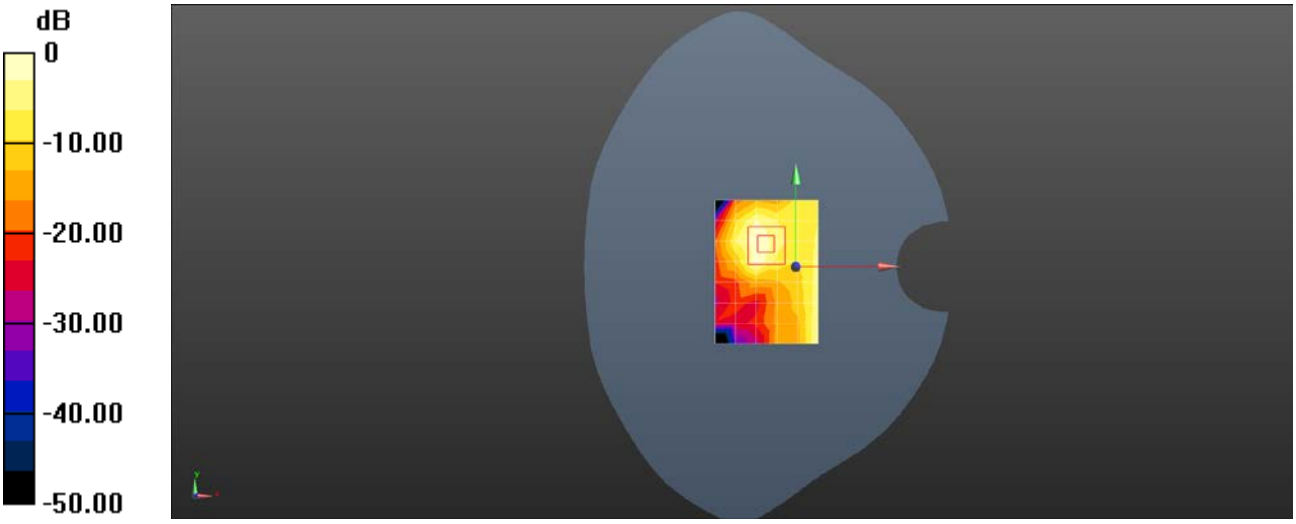
Medium: HSL2450;Medium parameters used: f = 2440 MHz; $\sigma$ = 1.794 S/m; $\varepsilon_r$ = 38.544; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.107 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.540 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.222 W/kg
**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.014 W/kg**
Maximum value of SAR (measured) = 0.102 W/kg




0 dB = 0.102 W/kg = -9.91 dBW/kg

Date: 2024/11/26

Test Laboratory: SGS-SAR Lab

**LS-PT-01 WIFI 2.4G 802.11b 6CH Right side 0mm**

**DUT: LS-PT-01;**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

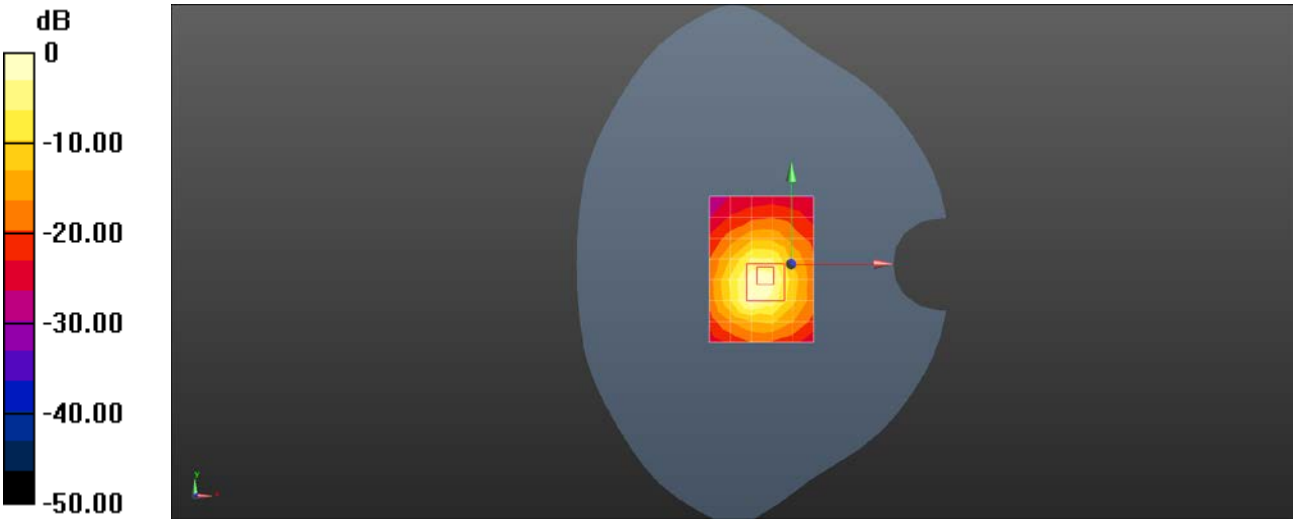
Medium: HSL2450;Medium parameters used: f = 2437 MHz; $\sigma$ = 1.792 S/m; $\varepsilon_r$ = 38.55; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.51 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.06 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.74 W/kg
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.298 W/kg**
Maximum value of SAR (measured) = 1.82 W/kg




0 dB = 1.82 W/kg = 2.60 dBW/kg

Date: 2024/11/26

Test Laboratory: SGS-SAR Lab

**LS-PT-01 WIFI 5G 802.11a 64CH Right side 0mm**

**DUT: LS-PT-01;**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5320 MHz;Duty Cycle: 1:1

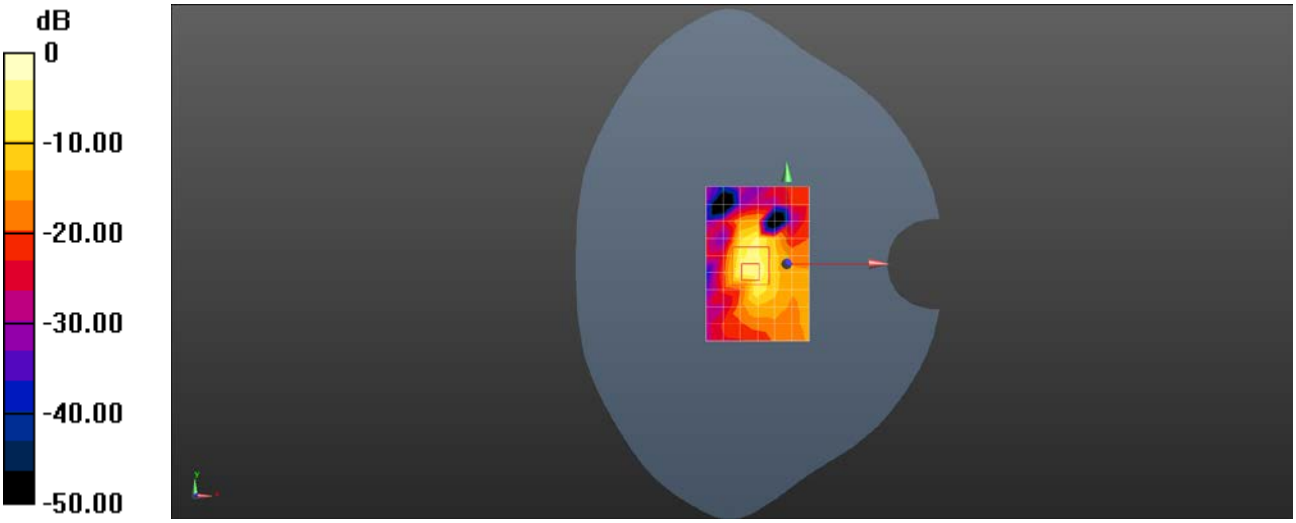
Medium: HSL5G;Medium parameters used: f = 5320 MHz; $\sigma$ = 4.932 S/m; $\varepsilon_r$ = 36.646; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(5.22, 5.22, 5.22); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.588 W/kg

**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.254 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.45 W/kg
**SAR(1 g) = 0.57 W/kg; SAR(10 g) = 0.046 W/kg**
Maximum value of SAR (measured) = 1.23 W/kg




0 dB = 1.23 W/kg = 0.90 dBW/kg