Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body

Date: 2024/12/2

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Front side 0mm

DUT: Handheld tire tread detection equipment; Type: TTM313; Serial: A241108104-1

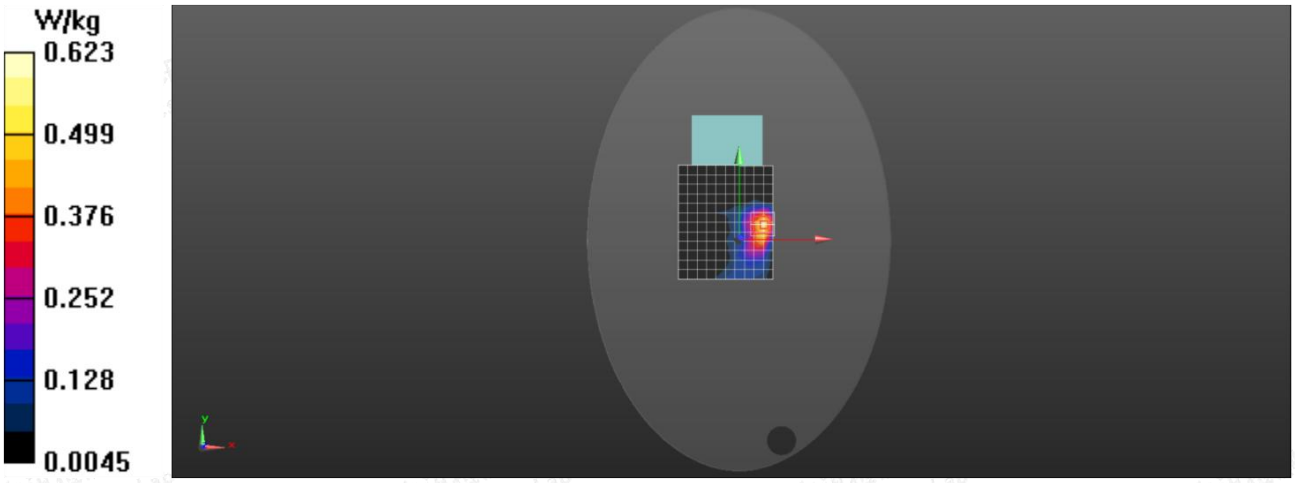
Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz;Duty Cycle: 1:1.1114
Medium parameters used: f = 2412 MHz; σ = 1.792 S/m; ε_r = 39.287; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Front side 0mm /Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.619 W/kg

Configuration/ Front side 0mm /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.642 V/m; Power Drift = 0.07dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.623 W/kg



Date: 2024/12/3

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Front side 0mm

DUT: Handheld tire tread detection equipment; Type: TTM313; Serial: A241108104-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz;Duty Cycle: 1:1.0293
Medium parameters used: f = 5200 MHz; σ = 4.644 S/m; ε_r = 35.984; ρ = 1000 kg/m^3
Phantom section: Flat Section

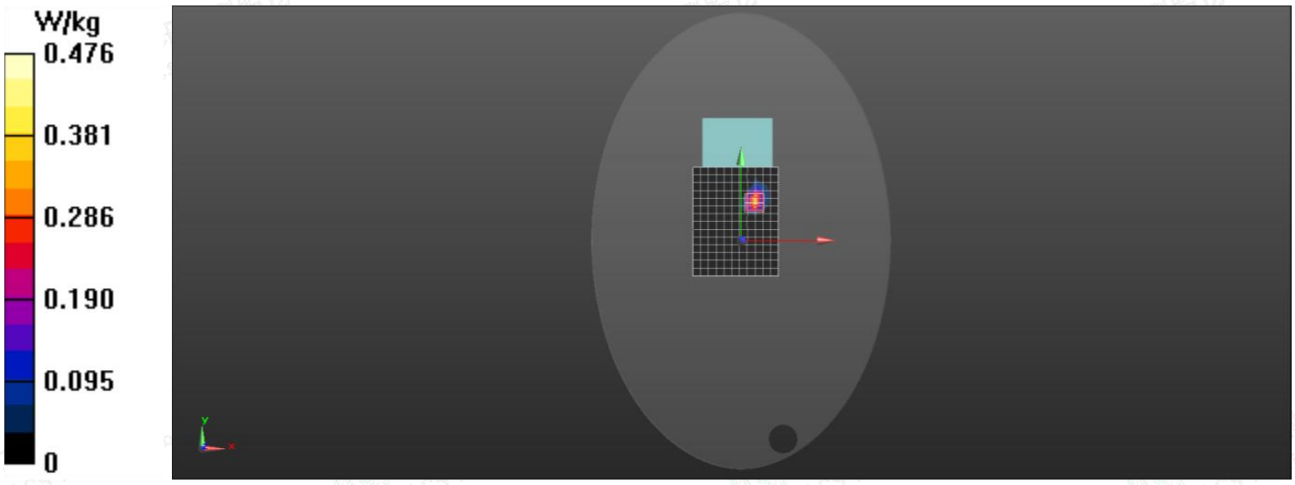
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Front side 0mm /Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.471 W/kg

Configuration/ Front side 0mm /Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.81 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



Date: 2024/12/4

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Front side 0mm

DUT: Handheld tire tread detection equipment; Type: TTM313; Serial: A241108104-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 5.231 S/m; ε_r = 35.646; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Front side 0mm /Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.415 W/kg

Configuration/Front side 0mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.439 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.724 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.419 W/kg